



Ambu<sup>®</sup>

# Product Brochure



## Our Vision

To save lives and improve patient care

## Our Mission

To provide our customers with innovative solutions that optimise work flow, reduce cost and improve patient care.

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# Ambu

Ambu's company philosophy has always been the desire to make life easier for doctors and to find innovative products that can save lives. Innovation and entrepreneurship are key for Ambu. Always have been. Always will be.



## Ambu 75 years – past, present and future

Ideas may be conceived in one person's head, however, it takes a collaboration of minds to see them evolve into real products.

Since 1937, we have been leading the way in healthcare. We develop ideas whether they arrive through meticulous research or by a clever question asked by a customer. All that matters is that we transform ideas into efficient solutions that work to our customer's advantage and improve patient safety.

### We listen to your needs

Our desire to listen to the needs of healthcare professionals has been the driving force behind the development of the Ambu bag, the Blue Sensor® electrodes or the world's first single-use videoscope, the aScope™.

Ambu devices are used every day to rescue, revive, diagnose, monitor or train. We are proud of this. But our products do nothing on their own. They are only useful in the skilled hands of doctors, nurses and paramedics around the world.

### Next 75 years

Our customers tell us that they need reliable high-quality products ready for immediate use. They expect excellent service and on-time delivery. They need innovation to help improve patient outcomes and optimise efficiency. They want training and clinically meaningful evidence.

Above all, our customers want us to truly understand the challenges of their patient care and to collaborate on the development of future solutions.

We are determined to continue to develop best-in-class products and the services you expect for your work each and every day. We do it now and we will do so for many decades to come.

# Fields of Excellence

## Anaesthesia

With the innovative development of the first self-inflating resuscitator, the "Ambu bag" in 1956, Ambu forever changed the history of saving lives. Now more than half a century later we are still dedicated to the development of innovative products that help save lives and simplify workflow and the daily life of the anaesthetists to the benefit of the patients.

Within the field of anaesthesia Ambu offers a wide range of products from resuscitators, face masks and laryngeal masks to the highly innovative single use flexible intubation scope. Products that all have their own place in the difficult airway algorithm.

## Emergency Care

We consistently focus on developing new devices to improve patient care and make the work of our customers easier. In the field of emergency care we offer a broad assortment of products, from resuscitators, suction pumps and CPR barriers to our well-known training manikins and immobilisation devices.

## Patient Monitoring & Diagnostics

In 1971, a Danish engineer by the name of Jan Rasmussen recognized the need to obtain reliable traces from biosignals. Since then we have been leading the way in the design and development of high quality single-use electrodes for accurate diagnosis.

Ambu offers a complete range of electrodes for different applications to meet your needs.

## Ambu's commitment to quality

Ambu products are designed and manufactured to comply with all relevant internationally recognised standards. Our entire organisation is committed to providing products that match the high expectations of users and patients, fully meet the requirements defined by standards and guidelines.

The Ambu quality management system operates under ongoing consideration for maintaining ISO 13485 quality management system certification, and is subject to regular inspections by the regulatory authorities in compliance with the international standard for medical device manufacturers.

Our commitment to quality includes an ongoing effort to improve on feedback, and forward product requests from our customers.





Ambu<sup>®</sup>  
Cardiology

# Ambu® electrodes

– quality in every aspect

## Over four decades of innovation

Through more than 40 years of experience in developing and optimising ECG electrodes Ambu has become the epitome of superior reliability and convenience in every situation.

Since our engineers developed the offset connector decades ago, we have continuously worked to optimise our products with unique features based on insight gained through close collaboration with users from all over the world.

## Comprehensive range

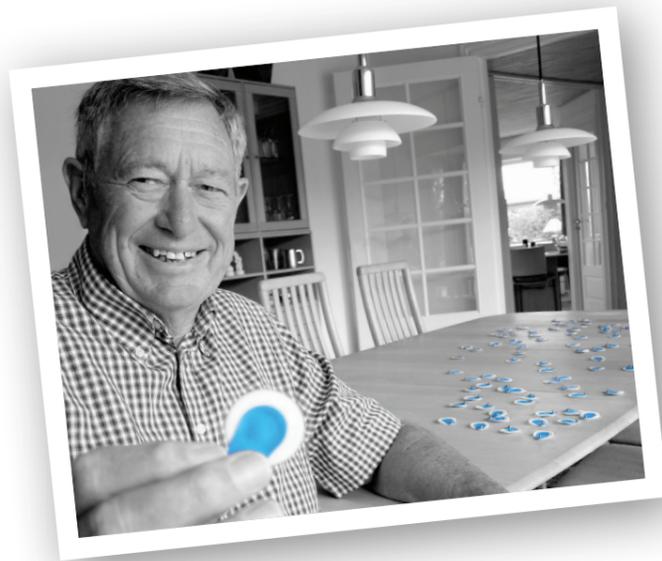
### - Cost effective use

Electrodes need to be easy to use without extensive preparation. They must be equipped with features that ensure maximum patient comfort and ease of use – without compromising absolute reliability and signal quality. In this sense optimally designed electrodes are devices that can secure efficient workflows.

Over time we have gained invaluable experience and understanding which has made us capable of creating the most comprehensive range of electrodes. Each electrode is developed to match a need with particular focus on accommodating the necessity for cost-effective solutions in all aspects.

Ambu® Engineer, Jan Rasmussen, developed the offset connector more than 40 years ago – its technical advantages are still superior.

Highly refined manufacturing processes and comprehensive quality controls ensure the Ambu® electrode quality.



BlueSensor - When failure is not an option. Ambu BlueSensor proudly sponsors the Xtreme Everest project, a research mission to find the underlying physiological reasons why some people cope better with low oxygen conditions than others.

## BlueSensor electrodes have reached new heights as part of the Xtreme Everest research project.

Over one in five UK citizens will be admitted to an intensive care unit in their lifetime. Of these 40 % will die. Many of them die because their vital organs are starved of oxygen, hypoxia. Despite the intensive care unit being one of the most sophisticated areas in the hospital we still cannot explain why some people die whilst others survive. This is what motivated one of the most extraordinary and unique research projects ever – Xtreme Everest. Our very own BlueSensors are a part of this project which has the potential to save hundreds of thousands of lives.

### Replicating the ICU conditions

Experimenting with patients in the ICU is, of course, not an option. The Xtreme Everest project, however, replicates the conditions of the ICU but with healthy individuals in the oxygen-thin environment of Everest.

The study looked at a variety of healthy people. Children, adults and twins with identical physiology were studied to investigate how and why they cope differently.

### Sea level and mountain tests

The testing began in a clinic in the centre of London. These tests were to collect data from the same people that would be on the expedition to compare it to the results collected on the mountain. After this further tests were carried out in the world's highest, fully-functioning medical research laboratory, with dozens of doctors, nurses and scientists from University College London, the University of Southampton and Duke University in Durham, North Carolina. The tents that housed the laboratories were equipped with the very latest medical technology – including two exercise bikes, centrifuges, blood sampling kits and, of course, the BlueSensors. The laboratory was powered from a smaller tent next door which housed scores of car batteries. In total approximately 200 people participated during a period of three weeks in Spring 2013.

### The story of BlueSensor on Mount Everest

The story of BlueSensor on Mount Everest is not over yet. While the world's best electrodes have done their job on the summit, the researchers have not yet finished analysing the results.

If you would like to follow this fascinating project, their web site has regular updates and links to media coverage: [www.xtreme-everest.co.uk](http://www.xtreme-everest.co.uk)

# BlueSensor

– the world's most time and cost efficient electrode

## 40 years of experience makes a difference

BlueSensor is the world's most time and cost efficient range of electrodes that delivers unmatched readings, user convenience and patient comfort.

BlueSensor ensures that workflow is not disrupted by false alarms and time is not wasted resolving problems with electrode adhesion.

## Exact monitoring - clear picture

Our electrodes give a fast and reliable trace without the need for skin preparation, maximising comfort for the patient.

We know that fast, exact monitoring ensuring a clear picture of the patients' heartbeat is essential to accurate diagnoses.

BlueSensor electrodes will give you exactly that – an absolute quality experience.

### Gel Type

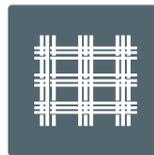


Wet



Solid

### Backing Materials



Cloth



Foam



Polymer



Microporous

### Features



Double ring adhesive



Pure silver sensor



Radiolucent



MR Conditional

### Benefits



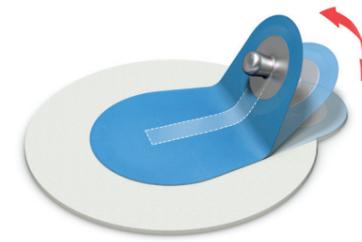
Occlusive backing



Breathable backing

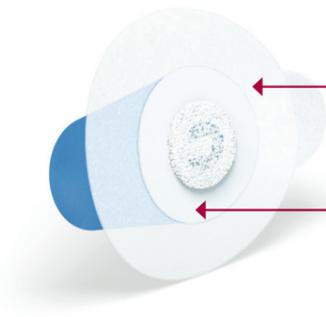
Ambu is constantly working to improve user experience and convenience. We have added icons to the packaging for quick guidance and simple selection – making your everyday easier.

## BlueSensor key features



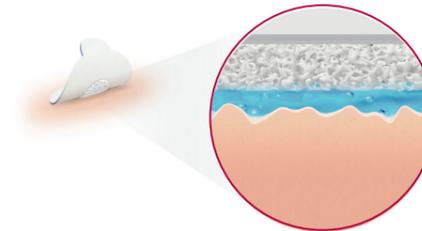
### Offset connector

- Allows movement of the connected cable without affecting the electrode's performance.
- The offset connector prevents artifacts from disturbing the readout. Especially in demanding situations like stress test and Holter.\*
- Easy attachment provides a high level of comfort for the patient and convenience for the user.



### Double ring adhesive\*\*

- The two rings secure optimal fixture and precise recordings.
- The outer ring is for long-term wear, as adhesion increases with time. The thin and soft material allows the skin to breathe.
- The inner ring on the polymer material "seals" the gel area and ensures an immediate, excellent adhesion.
- Unique construction allows application without skin preparation and comfortable removal of the electrodes



### Wet gel

- Wet gel optimises contact between skin and electrode.
- Lowers skin impedance effectively and immediately.
- The exact volume of wet gel is key to securing the best possible signal.



### Ag/AgCl electrode

- Pure silver filament – in contrast to carbon/silver combination
- Ensures excellent trace quality due to optimised conversion of the signal from biological to electrical

\*Knight BP, Pelosi F, Michaud GF, Strickberger SA, Morady F. Clinical consequences of electrocardiographic artifact mimicking ventricular tachycardia. New England Journal of Medicine (1999) 341(17):1270-4.

\*\* Double ring adhesive on L,VL and VLC electrodes only.

# Ambu® Resting ECG/12-lead ECG

Ambu offers a complete range of electrodes for ECG resting procedures, to meet all hospital needs.

## Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Superior quick adhesion - saves time
- Unique offset connector - is easy to connect - fitting or tab
- Occlusive backing material - is resistant to fluids
- High-quality Ag/AgCl sensor - ensures excellent trace quality
- PVC free

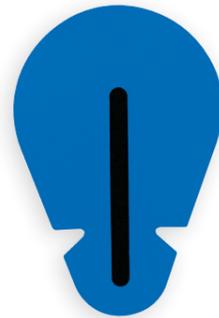


### BlueSensor SU

#### Ordering Information

| Item No.    | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-------------|-----------|----------------|-----------|------------------------|
| SU-00-A/60  | 49 x 33   | 4 mm           | 60        | 24                     |
| SU-00-C/100 | 49 x 33   | Tab            | 100       | 24                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



## Features and Benefits:

- Skin friendly solid gel - ensures reliable recordings
- Convenient in size - can be used on most patients
- Occlusive backing material - is resistant to fluids
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures
- Sold in box quantity of 500



### BlueSensor 2300

#### Ordering Information

| Item No.        | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------------|-----------|----------------|-----------|------------------------|
| BS-TAB-2300/100 | 34 x 23   | Tab            | 100       | 24                     |



# Ambu® Holter, Event Recording and Long-term Monitoring

## Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Combination of instant and long-term adhesives - secures optimal fixation and precise recordings
- Breathable microporous material - for optimal skin care
- Unique offset connector - prevents artifacts from disrupting the readouts
- High-quality Ag/AgCl sensor - ensures excellent trace quality



### BlueSensor L

#### Ordering Information

| Item No.  | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------|-----------|----------------|-----------|------------------------|
| L-00-S/25 | 68.2 x 55 | Stud           | 25        | 24                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



### BlueSensor VL

#### Ordering Information

| Item No.   | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|------------|-----------|----------------|-----------|------------------------|
| VL-00-S/25 | 72 x 68   | Stud           | 25        | 24                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



### BlueSensor VLC

Special design for sensitive skin

#### Ordering Information

| Item No.    | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-------------|-----------|----------------|-----------|------------------------|
| VLC-00-S/10 | 72 x 68   | Stud           | 10        | 15                     |
| VLC-00-S/25 | 72 x 68   | Stud           | 25        | 15                     |
| VLC-00-S/4  | 72 x 68   | Stud           | 4         | 15                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



# Ambu® Stress Test

## Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Superior adhesion - secures optimal fixation throughout the procedure
- Comfortable foam backing - is easy to use
- Unique offset connector - prevents artifacts from disrupting the readouts
- High-quality Ag/AgCl sensor - ensures excellent trace quality



### BlueSensor R

#### Ordering Information

| Item No.  | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------|-----------|----------------|-----------|------------------------|
| R-00-A/25 | 57 x 48   | 4 mm           | 25        | 24                     |
| R-00-S/25 | 57 x 48   | Stud           | 25        | 24                     |
| R-00-S/3  | 57 x 48   | Stud           | 3         | 24                     |

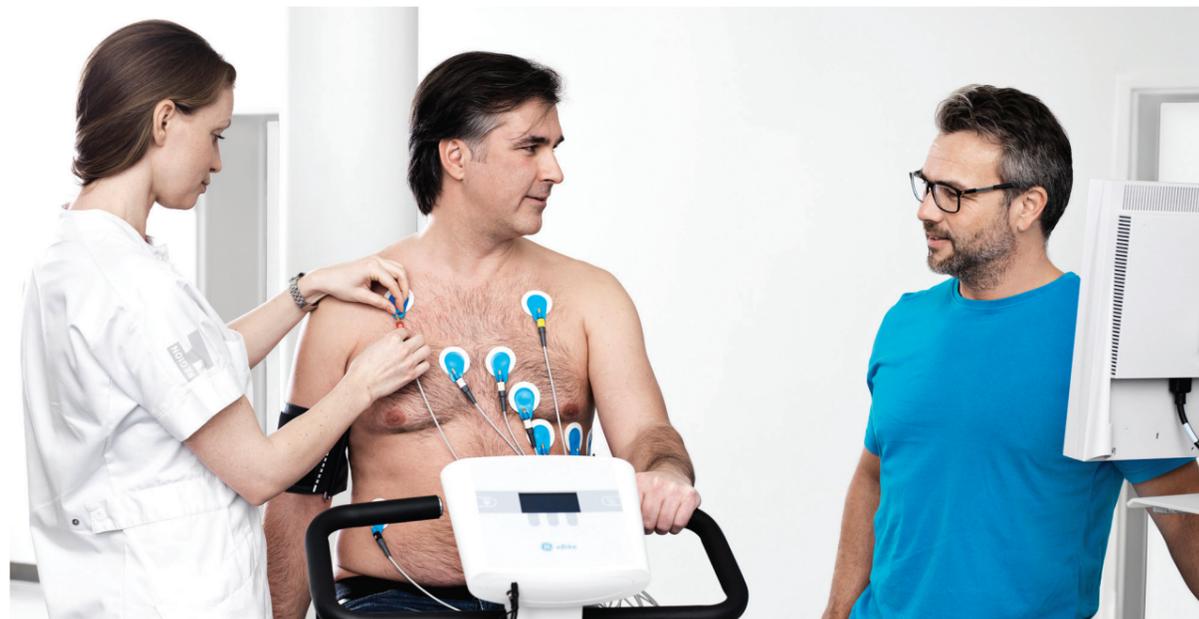
Item No. Code Guide: PC-50-A  
 PC=Product code - 50=Wire length - A=Connector type

### BlueSensor T

#### Ordering Information

| Item No.  | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------|-----------|----------------|-----------|------------------------|
| T-00-A/25 | 57 x 35   | 4 mm           | 25        | 24                     |
| T-00-S/10 | 57 x 35   | Stud           | 10        | 24                     |
| T-00-S/25 | 57 x 35   | Stud           | 25        | 24                     |

Item No. Code Guide: PC-50-A  
 PC=Product code - 50=Wire length - A=Connector type



# Ambu® Short-term Monitoring

## Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Superior adhesion - prevents false alarms
- Unique offset connector - prevents artifacts from disrupting the readouts
- High-quality Ag/AgCl sensor - ensures excellent trace quality
- Occlusive backing material - resistant to fluids



### BlueSensor M

#### Ordering Information

| Item No.  | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------|-----------|----------------|-----------|------------------------|
| M-00-A/50 | 40.8 x 34 | 4 mm           | 50        | 15                     |
| M-00-S/50 | 40.8 x 34 | Stud           | 50        | 15                     |

Item No. Code Guide: PC-50-A  
 PC=Product code - 50=Wire length - A=Connector type



### BlueSensor Q

#### Ordering Information

| Item No.  | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------|-----------|----------------|-----------|------------------------|
| Q-00-A/25 | 53.2 x 40 | 4 mm           | 25        | 24                     |
| Q-00-S/25 | 53.2 x 40 | Stud           | 25        | 24                     |
| Q-10-A/25 | 40 x 40   | 4 mm           | 25        | 24                     |
| Q-10-F/25 | 40 x 40   | 3 mm           | 25        | 24                     |

Item No. Code Guide: PC-50-A  
 PC=Product code - 50=Wire length - A=Connector type



### BlueSensor QR

#### Ordering Information

| Item No.   | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|------------|-----------|----------------|-----------|------------------------|
| QR-50-A/10 | 40        | 4 mm           | 10        | 24                     |
| QR-80-A/10 | 40        | 4 mm           | 10        | 24                     |

Item No. Code Guide: PC-50-A  
 PC=Product code - 50=Wire length - A=Connector type



# Ambu® Neonatal Monitoring

## Features and Benefits:

- Skin-friendly solid gel - ensures reliable recordings
- Breathable soft cloth backing - for optimal skin care
- Unique offset connector - prevents artifacts from disrupting the readouts
- High-quality Ag/AgCl sensor - ensures excellent trace quality
- Available with various connectors and colour coded lead wires - for ease of use



### BlueSensor NF

#### Ordering Information

| Item No.      | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|---------------|-----------|----------------|-----------|------------------------|
| NF-00-F/12    | 44.3 x 22 | 3 mm           | 12        | 24                     |
| NF-00-S/12    | 44.3 x 22 | Stud           | 12        | 24                     |
| NF-10-A/12    | 30 x 22   | 4 mm           | 12        | 24                     |
| NF-10-F/12    | 30 x 22   | 3 mm           | 12        | 24                     |
| NF-50-A/12    | 30 x 22   | 4 mm           | 12        | 24                     |
| NF-50-K/12/EU | 30 x 22   | 1.5 mm         | 12        | 24                     |
| NF-50-K/3/EU  | 30 x 22   | 1.5 mm         | 3         | 24                     |
| NF-50-K/W/12  | 30 x 22   | 1.5 mm         | 12        | 24                     |
| NF-10-SC/12   | 30 x 22   | 0.7 mm         | 12        | 24                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



## Features and Benefits:

- Tiny size - especially for small babies
- Four-leaf clover shape for superior adhesion
- No-touch application is hygienic
- Transparent material allows skin to be viewed
- Excellent long-term adhesion in high humidity environments
- Radiolucent - can remain on the patient during X-ray procedures



### BlueSensor NEO X

#### Ordering Information

| Item No.       | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------------|-----------|----------------|-----------|------------------------|
| NEOX-60-K/EU/3 | 25 x 20   | 1.5 mm         | 3         | 24                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



## Features and Benefits:

- Skin-friendly solid gel - ensures reliable recordings
- Soft cloth backing material - allows the skin to breathe
- Medium and small sizes - to fit all patients
- Radiolucent - can remain on the patient during X-ray procedures
- Special shape for improved adhesion



### BlueSensor BR

#### Ordering Information

| Item No.      | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|---------------|-----------|----------------|-----------|------------------------|
| BR-50-A/12    | 28 x 20   | 4 mm           | 12        | 18                     |
| BR-50-K/12    | 28 x 20   | 1.5 mm         | 12        | 18                     |
| BR-50-K/3     | 28 x 20   | 1.5 mm         | 3         | 18                     |
| BR-50-K/EU/12 | 28 x 20   | 1.5 mm         | 12        | 18                     |
| BR-80-A/12    | 28 x 20   | 4 mm           | 12        | 18                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



### BlueSensor BRS

#### Ordering Information

| Item No.       | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------------|-----------|----------------|-----------|------------------------|
| BRS-50-A/12    | 16 x 19   | 4 mm           | 12        | 18                     |
| BRS-50-K/12    | 16 x 19   | 1.5 mm         | 12        | 18                     |
| BRS-50-K/EU/12 | 16 x 19   | 1.5 mm         | 12        | 18                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



# Ambu® Paediatric Monitoring

## Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Superior adhesion - prevents false alarms
- Comfortable foam backing - is easy to use
- Unique offset connector - prevents artifacts from disrupting the readouts
- High quality Ag/AgCl sensor - ensures excellent trace quality



### BlueSensor P

#### Ordering Information

| Item No.  | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------|-----------|----------------|-----------|------------------------|
| P-00-A/50 | 40.8 x 34 | 4 mm           | 50        | 15                     |
| P-00-S/12 | 40.8 x 34 | Stud           | 12        | 15                     |
| P-00-S/50 | 40.8 x 34 | Stud           | 50        | 15                     |

Item No. Code Guide: PC-50-A  
 PC=Product code - 50=Wire length - A=Connector type

### BlueSensor SP

#### Ordering Information

| Item No.   | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|------------|-----------|----------------|-----------|------------------------|
| SP-00-A/50 | 42.5 x 38 | 4 mm           | 50        | 24                     |
| SP-00-S/50 | 42.5 x 38 | Stud           | 50        | 24                     |

Item No. Code Guide: PC-50-A  
 PC=Product code - 50=Wire length - A=Connector type

### BlueSensor N

#### Ordering Information

| Item No.  | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------|-----------|----------------|-----------|------------------------|
| N-00-A/25 | 44.8 x 22 | 4 mm           | 25        | 24                     |
| N-00-S/25 | 44.8 x 22 | Stud           | 25        | 24                     |
| N-10-A/25 | 30 x 22   | 4 mm           | 25        | 12                     |
| N-10-F/25 | 30 x 22   | 3 mm           | 25        | 12                     |
| N-50-A/25 | 30 x 22   | 4 mm           | 25        | 12                     |
| N-50-K/25 | 30 x 22   | 1.5 mm         | 25        | 12                     |

Item No. Code Guide: PC-50-A  
 PC=Product code - 50=Wire length - A=Connector type



# Ambu® SkinFix Accessory

## Features and Benefits:

- Fixes electrode leadwires on patients during Holter and Stress test
- Reduces movement artefacts on the ECG
- Minimises the risk of electrodes falling off
- Breathable microporous material
- The wire strap can be reopened and closed several times
- Moisture resistant
- MR safe

### SkinFix

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 2703     | 59 x 55   | n/a            | 50        | n/a                    |



# WhiteSensor

– the versatile and reliable range of Ambu electrodes

## Functionality you can trust

Responding to the growing demands of standard solutions to cover a broader range of applications, WhiteSensor has been developed as a range of electrodes that unites versatility with the well-known Ambu quality and functionality. The wide range of sizes, shapes, gel types and backing materials makes it easy to choose the optimal device for every situation.

## Covers all patients needs in monitoring

The WhiteSensor range is comprised of electrodes equipped with carefully selected features to match each individual situation, in total covering all patient needs in monitoring.

We have chosen flexible and reliable materials and adhesives, able to follow skin movements without lifting off, to accommodate both patient comfort and signal quality.

## Ambu® Resting ECG

Ambu offers a complete range of electrodes for 12-lead ECG Resting diagnostic procedures, to meet all patient needs.

### Features and Benefits:

- Highly conductive wet gel – immediate reliable recordings
- Comfortable foam backing – resistant to fluids
- 3 or 4 mm fitting connector – direct connection to cable, without adapters
- Radiolucent and MR Conditional – can remain on the patient during X-ray and MRI procedures
- Convenient presentation of 5 pieces/strip - for fast application



### WhiteSensor 4540M

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 4540M    | 32 x 45   | 4 mm           | 60        | 24                     |



### WhiteSensor 4530M

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 4530M    | 32 x 45   | 3 mm           | 60        | 24                     |



### Features and Benefits:

- Skin friendly conductive adhesive – ensures reliable recordings
- Fish tail tab design - reduces electrode lift-offs for secure adhesion
- Radiolucent and MR Conditional – can remain on the patient during X-ray and MRI procedures
- Various sizes to meet specific patient needs
- Sold in box quantity of 500
- Convenient presentation of 10 pieces/strip - for fast application



### WhiteSensor 0215M

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 0215M    | 13 x 34   | Tab            | 100       | 24                     |



### WhiteSensor 0315M

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 0315M    | 21 x 35   | Tab            | 100       | 24                     |



### WhiteSensor 0415M

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 0415M    | 23 x 34   | Tab            | 100       | 24                     |



### WhiteSensor 0715M

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 0715M    | 26 x 34   | Tab            | 100       | 24                     |



## Features and Benefits:

- Centre tab connection and functional shape - for superior adhesion
- Skin friendly conductive adhesive - ensures reliable recordings
- Can be used on most patients
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures
- Tab for placement and removal - ensures ease of use
- Sold in box quantity of 500



### WhiteSensor o615M

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| o615M    | 26 x 37   | Tab            | 100       | 24                     |



## Features and Benefits:

- Highly conductive solid gel - ensures reliable recordings
- Ergonomic teardrop shape - fits most patients
- Strong and secure adhesion - prevents false alarms
- Comfortable foam backing - is easy to use
- Available in various packaging configurations
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures \* **RT only**



### WhiteSensor WS

#### Ordering Information

| Item No.      | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|---------------|-----------|----------------|-----------|------------------------|
| WS-00-S/50    | 36 x 40   | Stud           | 50        | 30                     |
| WS-00-S/L5-50 | 36 x 40   | Stud           | 50        | 30                     |

Item No. Code Guide: PC-50-A  
 PC=Product code - 50=Wire length - A=Connector type



### WhiteSensor WS/RT

#### Ordering Information

| Item No.      | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|---------------|-----------|----------------|-----------|------------------------|
| WS-00-S/RT/50 | 36 x 40   | Stud           | 50        | 24                     |

Item No. Code Guide: PC-50-A  
 PC=Product code - 50=Wire length - A=Connector type



## Ambu® Short-Term Monitoring

Ambu offers a complete range of electrodes for ECG monitoring procedures, to meet all hospital needs.

## Features and Benefits:

- Bio-Tack™ sticky gel - ensures reliable recordings
- Comfortable foam backing - is easy to use
- Ergonomic leaf shape - is comfortable for patients
- Size - Can be used on adults and children
- Convenient presentation of 3 pieces/strip - for fast application



### WhiteSensor 4831Q

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 4831Q    | 37 x 37   | Stud           | 60        | 20                     |



## Features and Benefits:

- Bio-Tack™ sticky gel - ensures reliable recordings
- Ergonomic leaf shape - is comfortable for patients
- Convenient presentation of 3 pieces/strip - for fast application
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures



### WhiteSensor 4841P

Comfortable foam backing - is easy to use

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 4841P    | 42 x 42   | Stud           | 60        | 24                     |



### WhiteSensor 7841P

Cleartape perforated backing - allows skin ventilation and visibility

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 7841P    | 42 x 42   | Stud           | 60        | 24                     |



# Ambu® Stress Test

## Features and Benefits:

- Highly conductive wet gel – ensures reliable recordings
- Strong and secure adhesion throughout the procedure
- Comfortable foam backing – is easy to place and remove
- Ergonomic shape – is comfortable for patients and users
- Convenient presentation of 3 pieces/strip – for fast application
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures \* **4500M only**



### WhiteSensor 4560M

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 4560M    | 38 x 60   | Stud           | 60        | 24                     |



### WhiteSensor 4500M

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 4500M    | 50        | Stud           | 30        | 24                     |



### WhiteSensor 4535M

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 4535M    | 32 x 44   | Stud           | 60        | 24                     |



# Ambu® Long-Term Monitoring

## Features and Benefits:

- Highly conductive wet gel – ensures reliable recordings
- Strong and secure adhesion – prevents false alarms
- Breathable soft cloth backing
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures



### WhiteSensor 4440M

#### Ordering Information

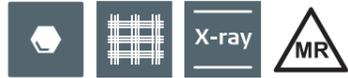
| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 4440M    | 55        | Stud           | 30        | 24                     |



# Ambu® Paediatric

## Features and Benefits:

- Conductive adhesive gel – for gentle contact
- Breathable soft cloth backing – allows skin ventilation
- Size ideal for paediatric patients
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures
- Convenient presentation of 3 pieces/strip – for fast application



### WhiteSensor 40713

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 40713    | 19 x 38   | Stud           | 3         | 24                     |



### WhiteSensor 4570M

#### Ordering Information

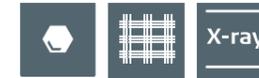
| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 4570M    | 38 x 60   | Stud           | 30        | 24                     |



# Ambu® Neonatal

## Features and Benefits:

- Skin-friendly solid gel – ensures gentle contact
- Breathable soft cloth backing – allows skin ventilation
- Size ideal for neonatal patients
- Radiolucent - can remain on the patient during X-ray procedures



### WhiteSensor 40554 & 40556

#### Ordering Information

| Item No. | Size (mm) | Connector type   | Pack size | Shelf life (in months) |
|----------|-----------|------------------|-----------|------------------------|
| 40554    | 22 x 22   | 1.5 mm connector | 3         | 24                     |
| 40556    | 22 x 22   | 4 mm connector   | 3         | 24                     |



Prewired with 1.5 mm connector

# Ambu® Accessories

## Features and Benefits:

- Connects 3 mm pin cables to tab electrodes
- Ensures secure connection
- Easy to use
- Reusable

### Snap Clip 0334M

#### Ordering Information

| Item No.        | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------------|-----------|----------------|-----------|------------------------|
| Snap Clip 0334M | -         | -              | 10        | -                      |



## Features and Benefits:

- Allows skin preparation before electrode placement
- Abrasive to reduce skin impedance
- Adhesive on one side, to use with one finger
- Small size fits finger tip

### Skin Prep 2121M

#### Ordering Information

| Item No.        | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------------|-----------|----------------|-----------|------------------------|
| Skin Prep 2121M | 19 x 28   | -              | 500       | -                      |





Ambu<sup>®</sup>  
Neuroline

# Ambu® Neuroline Subdermal

## Single-patient EEG Needle

### Features and Benefits:

- Lancet-cut, ultra-sharp tip for low penetration resistance
- Low noise and impedance level giving a clear and reliable signal
- Stainless steel needle perfectly optimised for both strength and flexibility
- Colour-coded lead-wires: white, green, blue, yellow, red and black
- Available with different lead wire lengths
- Conveniently packed in individual pouches.
- EO-sterilized

### Neuroline Subdermal

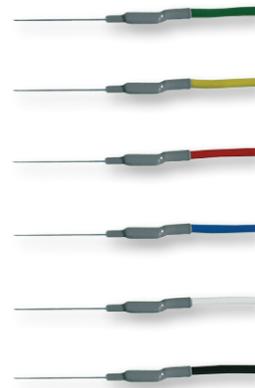
#### Ordering Information

| Item No.      | Lead-wire length (cm) | Needle length (mm) | Calibre (mm) / gauge no. | Lead-wire colour  | Shelf life (months - unopened) | Quantity (per box) |
|---------------|-----------------------|--------------------|--------------------------|---|--------------------------------|--------------------|
| 745 12-50/24  | 50                    | 12                 | 0.40 27G                 |  | 60                             | 24                 |
| 745 12-100/24 | 100                   | 12                 | 0.40 27G                 |   | 60                             | 24                 |
| 745 12-150/24 | 150                   | 12                 | 0.40 27G                 |   | 60                             | 24                 |
| 745 12-250/24 | 250                   | 12                 | 0.40 27G                 |   | 60                             | 24                 |

M- connector - 1.5 mm

Electrodes are packed in individual pouches. 24 pouches per box.

Each box of 24 consists of 4 pieces in each of the colours white, green, blue, yellow, red and black.



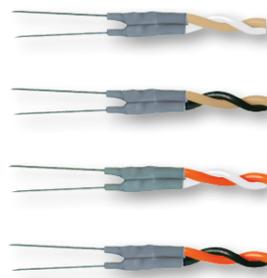
### Features and Benefits:

- Lancet-cut, ultra-sharp tip for low penetration resistance
- Low noise and impedance level giving a clear and reliable signal
- Stainless steel needle perfectly optimised for both strength and flexibility
- Choice of different coloured lead-wires
- Conveniently packed: 1 pair in a pouch. 20 pouches in a box
- EO-sterilized

### Neuroline Subdermal Twisted Pair

#### Ordering Information

| Item No.       | Lead-wire length (cm) | Needle length (mm) | Calibre (mm) / gauge no. | Lead-wire colour  | Shelf life (months - unopened) | Quantity (per box) |
|----------------|-----------------------|--------------------|--------------------------|---|--------------------------------|--------------------|
| 74612-100/1/20 | 100                   | 12                 | 0.40 27G                 |  | 60                             | 20                 |
| 74612-150/1/20 | 150                   | 12                 | 0.40 27G                 |   | 60                             | 20                 |
| 74612-200/1/20 | 200                   | 12                 | 0.40 27G                 |   | 60                             | 20                 |
| 74612-250/1/20 | 250                   | 12                 | 0.40 27G                 |  | 60                             | 20                 |
| 74612-100/2/20 | 100                   | 12                 | 0.40 27G                 |   | 60                             | 20                 |
| 74612-150/2/20 | 150                   | 12                 | 0.40 27G                 |   | 60                             | 20                 |
| 74612-200/2/20 | 200                   | 12                 | 0.40 27G                 |   | 60                             | 20                 |
| 74612-250/2/20 | 250                   | 12                 | 0.40 27G                 |  | 60                             | 20                 |



# Ambu® Neuroline Concentric

## Single-patient EMG Needle

### Features and Benefits:

- Precision-centred silver sensor ensures uniform, reliable recordings
- Outstanding sharpness provides smooth skin penetration and greater patient comfort
- Ergonomic colour-coded hub design for ease of use
- Tactile index mark on hub for easy identification of the bevel position
- Orientation-free connection to Ambu Neuroline Concentric cables, for ease of use
- High signal quality with low impedance for strong, reliable recordings

### Neuroline Concentric

#### Ordering Information

| Item No.     | Length (mm) / (inch) | Calibre (mm) / gauge no. | Shelf life (months - unopened) | Recording area (mm²) | Quantity (per box) |
|--------------|----------------------|--------------------------|--------------------------------|----------------------|--------------------|
| 740 25-30/25 | 25 1"                | 0.30 30G                 | 36                             | 0.02                 | 25                 |
| 740 25-45/25 | 25 1"                | 0.45 26G                 | 36                             | 0.07                 | 25                 |
| 740 30-35/25 | 30 1.2"              | 0.35 28G                 | 36                             | 0.02                 | 25                 |
| 740 38-45/25 | 38 1.5"              | 0.45 26G                 | 36                             | 0.07                 | 25                 |
| 740 50-45/25 | 50 2"                | 0.45 26G                 | 36                             | 0.07                 | 25                 |
| 740 75-65/25 | 75 3"                | 0.65 23G                 | 36                             | 0.07                 | 25                 |

Cable with 5 pin DIN connector



# Ambu® Neuroline Monopolar

## Single-patient EMG Needle Electrode

### Features and Benefits:

- Tip superior in its sharpness for low penetration resistance
- Extra-smooth coating for low friction and improved patient comfort
- Ergonomic hub design for easy and secure grip
- Wide range of colour-coded sizes to meet your needs
- Available with or without pre-attached lead-wire

### Neuroline Monopolar

#### Ordering Information

| Item No. without lead-wires | Item No. with lead wires | Length (mm) / (inch) | Calibre (mm) / gauge no. | Shelf life (months - unopened) | Quantity (per box) |
|-----------------------------|--------------------------|----------------------|--------------------------|--------------------------------|--------------------|
| 742 25-36/40                | 743 25-36/40             | 25 1"                | 0.36 28G                 | 36                             | 40                 |
| 742 38-36/40                | 743 38-36/40             | 38 1.5"              | 0.36 28G                 | 36                             | 40                 |
| 742 38-45/40                | 743 38-45/40             | 38 1.5"              | 0.45 26G                 | 36                             | 40                 |
| 742 50-45/40                | 743 50-45/40             | 50 2"                | 0.45 26G                 | 36                             | 40                 |
| 742 75-50/40                | 743 75-50/40             | 75 3"                | 0.50 25G                 | 36                             | 40                 |

K - connector - 1.5 mm



## Ambu® Neuroline Inoject

### Single-patient EMG Needle

#### Features and Benefits:

- Ultra sharp point for easy skin penetration
- Stainless steel needle with a smooth electrical insulator for low friction and optimum patient comfort
- Luer-Lock fitting provides secure connection with the syringe
- Ergonomic colour coded hub for easy handling
- Available in 6 convenient sizes

#### Neuroline Inoject

##### Ordering Information

| Item No.     | Length<br>(mm) / (inch) | Calibre<br>(mm) /<br>gauge no. | Shelf life<br>(months -<br>unopened) | Quantity<br>(per box) |
|--------------|-------------------------|--------------------------------|--------------------------------------|-----------------------|
| 744 25-30/10 | 25 1"                   | 0.30 30G                       | 60                                   | 10                    |
| 744 30-36/10 | 30 1.2"                 | 0.36 28G                       | 60                                   | 10                    |
| 744 35-40/10 | 35 1.4"                 | 0.40 27G                       | 60                                   | 10                    |
| 744 38-45/10 | 38 1.5"                 | 0.45 26G                       | 60                                   | 10                    |
| 744 50-50/10 | 50 2"                   | 0.50 25G                       | 60                                   | 10                    |
| 744 75-55/10 | 75 3"                   | 0.55 24G                       | 60                                   | 10                    |

K - connector - 1.5 mm



## Ambu® IOM Corkscrew Electrode

### Single-patient IOM Needle

The corkscrew needle is designed to stay in place for EEG or EP monitoring during surgery. Easy to insert, it provides a high quality signal. 24 disposable electrodes with 6 lead-wire colours (red, black, blue, yellow, white and green) in one package.

#### Features and Benefits:

- Stainless Steel cork screw needles
- Easy to grip protective sleeves
- 120 cm Tangle-free lead-wire
- 1.2 mm Touch-proof connectors
- 100% Disposable
- Individual Sterile Packaging
- 6 easy to identify colours
- Ideal for IOM, EEG and EP

#### IOM Corkscrew Electrode

##### Ordering Information

| Item No.    | Description                     | Quantity<br>(per box) |
|-------------|---------------------------------|-----------------------|
| 74715-60/24 | Disposable Corkscrew Electrodes | 24                    |



## Ambu® Neuroline Cup Electrode

### Single-patient EEG/EP Cup Electrode

#### Features and Benefits:

- Advanced silver/silver chloride sensor ensures uniform high signal quality
- Pre-attached, tangle-free lead-wires
- Fixation wings for ease of use
- Convenient 2 mm hole allows gel to escape during positioning and permits blunt needle insertion
- Disposable cups and lead wires eliminate the risk of cross-contamination
- Can be used with most popular gels, pastes and adhesives

#### Neuroline Cup Electrode

##### Ordering Information

| Item No.    | Lead-wire<br>length<br>(cm) / (inch) | Colour | Shelf life<br>(months -<br>unopened / open pouches) | Quantity<br>(per box) |
|-------------|--------------------------------------|--------|---|-----------------------|
| 726 10-M/10 | 100 40"                              |        | 24 1  | 460                   |
| 726 15-M/10 | 150 60"                              |        | 24 1  | 460                   |

M- connector - 1.5 mm



## Ambu® IOM Stimulation Probes

### Single-patient Stimulation Probes

#### Features and Benefits:

- Single piece design for optimal performance. Handle, wire and tip all connected
- 1.5 mm Touch-proof connector
- All probes are 100 mm in length
- 1.9 meter attached cable
- Teflon coated Pedicle Screw, Monopolar, Concentric and Bi-polar probes
- Individually packaged and sterilized
- Single Patient Use
- 10 probes per box

#### IOM Stimulation Probes

##### Ordering Information

| Item No.     | Description   | Quantity<br>(per box) |
|--------------|---------------|-----------------------|
| 73600-190/10 | Pedicle Screw | 10                    |
| 73603-190/10 | Concentric    | 10                    |
| 73601-190/10 | Monopolar     | 10                    |
| 73602-190/10 | Bipolar       | 10                    |



# Ambu® Neuroline Surface Electrodes

The Ambu solid gel surface electrodes are self-adhesive and are both easy to reposition and remarkably comfortable for patients. They feature a high quality silver/silver chloride sensor for optimum signal quality. The solid gel, combined with an effective adhesive, allows technicians to locate the best recording site without leaving gel deposits that must be wiped off. The adhesive is specially formulated so it will not irritate sensitive or damaged skin.

## Neuroline 700 and 710

### Ordering Information

| Item No.      | Lead-wire length (cm) | Shelf life (months - unopened / open pouches) |   | Quantity (per box) |
|---------------|-----------------------|---|---|--------------------|
| 700 01-K/12   | 10                    | 18  | 1 | 240                |
| 700 01-SC/12  | 10                    | 18  | 1 | 240                |
| 700 05-K/12   | 50                    | 18  | 1 | 240                |
| 700 10/12     | 100                   | 18  | 1 | 120                |
| 700 10-K/12   | 100                   | 18  | 1 | 120                |
| 700 10-K/C/12 | 100                   | 18  | 1 | 120                |
| 700 15-K/12   | 150                   | 18  | 1 | 120                |
| 700 15-K/C/12 | 150                   | 18  | 1 | 120                |
| 710 01-SC/12  | 10                    | 18  | 1 | 240                |
| 710 05-K/C/12 | 50                    | 18  | 1 | 240                |
| 710 10-/12    | 100                   | 18  | 1 | 120                |
| 710 10-K/12   | 100                   | 18  | 1 | 120                |
| 710 15-K/12   | 150                   | 18  | 1 | 120                |
| 710 15-K/C/12 | 150                   | 18  | 1 | 120                |



The oblong shaped 720 wet gel electrode is ideal for long-term use. The strong adhesion ensures the electrode will stay in place despite sweat, hair or oily skin.

## Neuroline 720

### Ordering Information

| Item No.    | Lead-wire length (cm) | Shelf life (months - unopened / open pouches) |   | Quantity (per box) |
|-------------|-----------------------|---|---|--------------------|
| 720 01-K/12 | 10                    | 12  | 1 | 240                |
| 720 10-K/10 | 100                   | 12  | 1 | 420                |
| 720 15-K/10 | 150                   | 12  | 1 | 420                |
| 720 00-S/25 | -                     | 24  | 1 | 1000               |

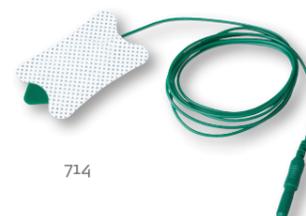


Solid gel, 100% disposable 714 ground electrode. Convenient pull tab for easy relocation. Green tangle-free wire-with 1.5mm touch proof connector. Available with 40" and 60" lead-wire. 1 per pack

## Neuroline Ground 714

### Ordering Information

| Item No.   | Lead-wire length (cm) | Colour | Shelf life (months - unopened / open pouches) |   | Quantity (per box) |
|------------|-----------------------|--------|---|---|--------------------|
| 714 10-M/1 | 100                   | ■      | 18  | - | 25                 |
| 714 15-M/1 | 150                   | ■      | 18  | - | 25                 |



# Ambu® Neuroline Surface Electrode 715

## Solid Gel Electrode

### Features and Benefits:

- Transparent backing allows precise placement of sensor over the target area
- High quality silver/silver chloride sensor for optimal signal quality
- Repositionable
- Wound lead wires for easier handling



## Neuroline Surface Electrode 715

### Ordering Information

| Item No.      | Lead-wire length (cm) / (inch) |      | Colour | Shelf life (months - unopened / open pouches) |              | Quantity (per box) |
|---------------|--------------------------------|------|--------|---|--------------|--------------------|
|               | cm                             | inch |        | unopened                                      | open pouches |                    |
| 715 05-K/C/12 | 50                             | 20"  | ■ ■ ■  | 24  | 1            | 240                |
| 715 08-K/C/12 | 80                             | 32"  |        | 24  | 1            | 120                |
| 715 12-K/C/12 | 120                            | 48"  |        | 24  | 1            | 120                |
| 715 20-K/C/12 | 200                            | 79"  |        | 24  | 1            | 120                |



# Cables for Ambu® Neuroline Concentric EMG Needle Electrodes

The reusable needle cable has a 'no orientation' connection to the needle and a 5 pin 2700 DIN connector for equipment. The cable is a strong, yet flexible, shielded wire for superior signal quality, low cable memory, high durability and greater ease of use. Cables are available in lengths of 40" (1 m) and 80" (2 m) and fit most EMG equipment.



## Cables for Ambu Neuroline Concentric EMG Needle Electrodes

### Ordering Information

| Item No. | Length (cm) | Type                              |
|----------|-------------|-----------------------------------|
| 1741     | 100         | DIN cable fits most EMG equipment |
| 1742     | 200         | DIN cable fits most EMG equipment |



Ambu<sup>®</sup>

Visualisation Solutions

# A new generation of airway visualisation devices

That's Ambu. Leading the way in visualisation

Successful airway management can make the difference between life and death. Ambu's new range of single-use visualisation devices – consisting of the single-use flexible bronchoscope aScope™ 4 Broncho and the King Vision aBlade video laryngoscope – assist the clinician, whether confronted with a routine or difficult airway.

## Single-use, safe and affordable

Combining the convenience of a single-use device with a superior image quality and user-friendliness at an affordable price, aScope™ 4 Broncho and King Vision aBlade are a completely new generation of airway visualisation devices. With a reduced risk of cross-contamination, this highly complementary visualisation range from Ambu® improves patient safety when assisting clinicians in successful airway management procedures.



“ Do you always have the necessary visualisation equipment readily available? ”

# Visualisation: The new standard in airway management. The evidence is becoming clearer

The standards in airway management are changing – The clinical airway community is increasingly embracing visualisation devices to enhance patient safety and control costs.

This trend is further accelerated as more and more studies document the benefits of using advanced single use visualisation equipment.

“ Insufficient availability of equipment for management of the difficult airway and the proper training in the use of this equipment were considered among major causative or contributing factors to poor outcomes. Immediate access to a fibrescope for airway inspection or for difficult airway management was a recurrent problem ”

NAP4 - 4th National Audit Project of The Royal College of Anaesthetists<sup>1</sup>

<sup>1</sup> Cook T et al., NAP4 - 4th National Audit Project of The Royal College of Anaesthetists and The Difficult Airway Society, Major complications of airway management in the United Kingdom, Report and findings, March 2011

“ Ambu aScope™ 2 is an acceptable alternative in the management of unexpected difficult airway cases such as difficult intubations and dislodged tracheal tubes when a multi-use fibreoptic endoscope is unavailable ”

“ Making the Ambu aScope 2 available for use in the typical clinical setting is likely to improve outcomes and improve patient safety ”

NICE guidance MTG14, July 2013<sup>2</sup>  
<sup>2</sup> <http://guidance.nice.org.uk/MTG14>

“ Critical care units need a rapidly available difficult airway trolley/fibreoptic laryngoscopy. This recommendation reinforces the Intensive Care Society and Royal College of Anaesthetists' recommendations. ”

NCEPOD Tracheostomy Report: On the Right Trach?

“ The total annual cost of fibreoptic intubation with re-usable fibrescopes was £46,385. Based on 141 fibreoptic intubations per year, this equated to £329 per use, an average dominated by repair/maintenance costs (43%) and capital depreciation costs (42%). In comparison, the total annual cost of using single-use fibrescopes for the same work would have been around £200 per use. ”

Cost comparison of re-usable and single-use fibrescopes in a large English teaching hospital  
R. A. McCahon<sup>1</sup> and D. K. Whyne<sup>2</sup>

<sup>1</sup> Consultant Anaesthetist & Honorary Consultant Lecturer, Department of Anaesthesia, Queen's Medical Centre, Nottingham University Hospitals NHS Trust, Nottingham, UK

<sup>2</sup> Professor of Health Economics, School of Economics, University of Nottingham, Nottingham, UK

# Ambu® aScope™ 4 Broncho system

As the only sterile single-use scopes available for intubation and bronchoscopy aScope™ 4 Broncho and aScope™ 4 Broncho Slim solve three key challenges: They are instantly accessible, sterile straight from the pack and they require no further handling and reprocessing. aScope™ 4 Broncho is ideal for a wide range of endoscopic procedures:

From intubation and bedside bronchoscopy procedures to training of intubation and bronchoscopy skills.

aScope™ 4 Broncho is likely to be cost saving for use in unexpected difficult airways in remote hospital units, operating theatres and intensive care units<sup>1</sup>.



## Accessible

Choosing aScope™ 4 Broncho is about enhancing patient safety. It is about ensuring immediate access to a flexible videoscope - in the clinical setting and in the training and maintenance of flexible endoscopy skills.



## Sterile

Sterile straight from the pack aScope™ 4 Broncho offers a unique opportunity to eliminate the risk of cross-contamination.



## Easy

The aScope™ 4 Broncho system is highly portable with easy set up. The scope is single use requiring no reprocessing after use.

### aScope Product Specification

|                       | Ambu® aScope™ 4 Broncho Regular 5.0/2.2 ■ | Ambu® aScope™ 4 Broncho Slim 3.8/1.2 ■ | Ambu® aScope™ 4 Broncho Large 5.8/2.8 ■ | Ambu® aView™ |
|-----------------------|---|--|---|--------------|
| Product item no.      | 477001000                                 | 476001000                              | 478001000                               | 405002000    |
| Working channel       | 2.2 mm                                    | 1.2 mm                                 | 2.8 mm                                  |              |
| Tube sizes            | ET tubes ID ≥ 6mm<br>Min DLT ≥ 41 Fr      | ET tubes ID ≥ 5mm<br>DLT tubes ≥ 37 Fr | ET Tubes ID ≥ 7mm                       |              |
| Compatible with aView | YES                                       | YES                                    | YES                                     |              |

1.Guidance.nice.org.uk/mtg14

## Ambu® aScope™ 4 Broncho Regular

### Features and Benefits:

- Always available: Sterile and ready to use with the aView monitor
- Reduces the risk of cross-contamination
- Large suction and working channel



## Ambu® aScope™ 4 Broncho Slim

### Features and Benefits:

- Always available: Sterile and ready to use with the aView monitor
- Reduces the risk of cross-contamination
- Small suction and working channel
- Works with Aintree catheter and other smaller tubes



## Ambu® aScope™ 4 Broncho Large

### Features and Benefits:

- Always available: Sterile and ready to use with aView Monitor
- Reduces the risk of cross-contamination
- Large working channel suitable for management of tough or large amounts of secretion
- Eliminates repair costs as well as any limitations caused by complex reprocessing



## Ambu® aView™

### Features and Benefits:

- Portable touch-screen monitor
- Operational in seconds
- Intuitive user interface
- Easy file transfer by USB
- Minimum 3 hours battery time
- Enhanced viewing with Image Extend
- Display of live image on external monitor, e.g. for training



## AuraGain

### Features and Benefits:

- DEHP free
- 3 sizes (3-5) for patients 30kg to 100kg
- Broad clinical use. Gastric access channel for managing gastric content
- Sterile with 3 year shelf life
- MR safe



# King Vision® aBlade

King Vision® aBlade has been designed with the intention to make a revolutionary series of high performance portable video laryngoscopes. The King Vision® aBlade combines the convenience of a durable reusable, video display with a disposable blade at a price that's affordable for all of your intubations, difficult and routine.

The King Vision® aBlade is ergonomically designed to provide minimal lifting of soft tissue and impact on teeth.



## Portable

The King Vision® aBlade is light weight, self-contained, battery operated and water resistant. The King Vision® aBlade can be used continuously for more than 1 hour making it highly portable. Blades are individually packaged. Each blade is disposable, eliminating concerns on cross contamination.



## Affordable

Disposable blades allow economical use of the King Vision® aBlade video laryngoscope for all intubations. With the King Vision® aBlade you can improve patient care by having high performance visualisation capabilities for every intubation, at an affordable price.



## Durable

Designed to be your primary tool for all intubations. Video output capability is compatible with external monitors and recording devices.

The robust, full-colour, non-glare display can resist repeated cleaning and normal use wear and tear.

# King Vision® aBlade System

## Features and Benefits:

- Advanced imaging technology and unparalleled ergonomic design. Visionary performance in the palm of your hand.
- Unique flexibility from the choice of two blade types - standard and channeled - depending on the user technique and complexity of the airway. Choose what is right for you and your patient.
- King Vision® aBlade is designed to visualise the vocal cords indirectly which can help minimise the need for tissue manipulation and improve the ability to see anterior airways



# King Vision® aBlade System

The King Vision® aBlade System comprises of a reusable screen, which is directly connected to either a disposable standard blade or disposable channeled blade, whichever suits your requirements best.

# King Vision® aBlade System

## Product Specification

| Product item no. | Description   | Quantity |
|------------------|---|----------|
| KVISo1           | King Vision® Display  | 1/CS     |
| KVLAB3           | Standard aBlade, Size 3   | 20/CS    |
| KVLAB3C          | Channeled aBlade, Size 3  | 20/CS    |
| KVLA34           | aBlade Video Adapter 3-4  | 1/CS     |
| KVLABKIT3        | 1 Vision Display, 1 Video Adapter, Case, AAA Batteries, 4 Channeled and 2 Standard aBlade | 1/CS     |
| KVISo1VA34       | 1 Display and 1 Video Adapter 3-4 in aBlade Case  | 1/CS     |
| KVISo1ADCASE     | aBlade case   | 1/CS     |
| KVCABL           | Custom Video-out Cable (2.75 m / 9')  | 1/CS     |

# Product and clinical application matrix

| Suggested clinical procedure | Primary Clinical Setting |       |         |                               |     |
|------------------------------|--------------------------|-------|---------|-------------------------------|-----|
|                              | OR                       | ICU   | ER      | Resuscitations<br>Crash Carts | EMS |
| Airway examination           | ■ ■ ■                    | ■ ■   | ■ ■ ■   |                               |     |
| Routine intubation           | ■                        | ■     | ■       | ■                             | ■   |
| Difficult intubation         | ■ ■ ■ ■                  | ■ ■ ■ | ■ ■ ■ ■ | ■                             | ■   |
| Awake intubation             | ■ ■ ■                    | ■ ■   | ■ ■ ■   |                               |     |
| PDT                          | ■ ■ ■                    | ■ ■   | ■ ■ ■   |                               |     |
| DLT/BB placement             | ■ ■                      |       | ■ ■     |                               |     |
| BAL                          | ■ ■                      | ■ ■   |         |                               |     |

■ aScope™ 4 Broncho Regular ■ aScope™ 4 Broncho Slim ■ aScope™ 4 Broncho Large ■ King Vision aBlade



## Operating room & Emergency room:

Whether in the Operating Room or Emergency Room the access to visualisation equipment is vital when an unexpected situation occurs. Simple guidelines and available visualisation equipment should be an integral part of effective airway management in the above clinical settings.

Ambu's visualisation range is suitable for installation in every OR/ER to support local guidelines of difficult airway management. With the combination of the King Vision aBlade and the aScope™ 4 Broncho every airway can be secured - from the routine intubation to complex awake intubations or unexpected difficult airways.

The Ambu aScope™ 4 Broncho and King Vision aBlade are suitable for a range of procedures in the OR:

### Features and Benefits:

- Airway examination
- Routine intubation
- Difficult intubation
- Placement of DLTs for thoracic surgery
- Awake intubation

## Intensive Care Unit:

Immediate accessibility, portability and fast set-up as well as no risk of cross-contamination make aScope™ 4 Broncho ideal for bedside procedures in the ICU. With an aScope™ 4 Broncho, the patient can be treated immediately when needed without having to wait for the arrival of a reusable scope and stacking system. The sterile aScope™ 4 Broncho ensures that culture samples obtained during bronchial lavage are not contaminated.

The aScope™ 4 Broncho is suitable for a range of bedside procedures in the ICU:

### Features and Benefits:

- Airway inspection
- Tube check & intubation
- Management of retained secretion
- Bronchial lavage
- Percutaneous tracheostomy
- Training of bronchoscopy skills

Due to its portability and simplicity the King Vision® aBlade is also a highly relevant product in the ICU for tube exchange and intubation.

## Pre-hospital/A&E:

Urgent airway management in the emergency situation concerns securing the airway and maintaining appropriate ventilation. In these situations the patient outcome is highly dependent on simple and efficient procedures. The King Vision® aBlade is a relevant device for airway management in the pre-hospital/A&E setting due to its simplicity and portability. The King Vision® aBlade is a simple two piece construction which makes it easy and quick to setup. With the choice of two different blade types operators are able to use the King Vision® aBlade with their preferred technique.

King Vision® aBlade is suitable for a range of procedures in EMS:

### Features and Benefits:

- Routine intubation
- Difficult intubation
- Foreign body removal

“ You always have an available scope ready-to-use, so you can always offer urgent airway management. ”



“ To have a disposable scope at hand is a lot faster than finding a reusable scope and setting it up. ”

Dr. Mark J. G. Dunn, Consultant in Critical Care, Emergency Medicine and Retrieval Medicine

# VivaSight System

Intubation and airway management during isolation procedures present a series of challenges for even the most experienced team. Visualisation during Single Lung Ventilation (SLV) increases patient safety and is increasingly recommended as good clinical practice.

The Ambu Portfolio for Single Lung Ventilation (SLV) offers a solution to this problem. The devices provide visual control during placement as well as continuous visualisation during the entire SLV procedure.

It is about flexibility to choose the right visualisation solution, and ultimately it is about improving patient safety.



## VivaSight-DL

VivaSight-DL is the new generation of Double Lumen Tubes with integrated high-resolution camera providing placement of the DLT fast and effective as well as continuous visual monitoring throughout the procedure. Malpositioning and dislocation are easily detected and corrected. The real-time high resolution video image is transmitted to Ambu® aView™ monitor. Secretion or blood can be cleaned using the integrated flushing system.



## VivaSight-SL

VivaSight-SL is the new generation of endotracheal tubes with integrated high-resolution camera. VivaSight-SL makes placement of the bronchial blockers fast and effective and the continuous visual monitoring throughout the SLV procedure makes single lung ventilation much safer as incorrect position of the bronchial blockers is easily detected and corrected.



## VivaSight-EB

VivaSight-EB is a single-use endobronchial blocker for Single Lung Ventilation (SLV). For visual guidance and positioning the VivaSight-EB can be used with VivaSight-SL single lumen tube with integrated high-resolution camera.

## Six good reasons to use the Ambu portfolio for Single Lung Ventilation

- It provides real time visual monitoring during placement and throughout the entire SLV procedure.
- It helps overcome today's placement and positioning challenges of SLV.
- It provides a clinical benefit and improved patient safety.
- It makes lung isolation fast and effective
- It provides reassurance and confidence for the anaesthesiologist
- All products are single-use and sterile with no risk of cross-contamination

## aScope™ 4 Broncho simplifies intubation and improves patient safety

The aScope™ 4 Broncho Slim simplifies bronchoscopy during placement and monitoring of DLT and EBB positioning. It is ideal whenever bronchoscopic guidance is needed as part of SLV procedures.

When connected to the portable monitor, Ambu aView, aScope™ 4 Broncho Slim offers clear, sharp images and adaptive light control to provide clear visibility for placement and control of a DLT and EBB positioning.

Combining the convenience of single-use devices with high quality image and ease of use, aScope™ 4 Broncho and VivaSight are a completely new generation of innovative and complementary visualisation devices.



## VivaSight System Product Specification

| Product item no. | Description                        | Quantity |
|------------------|------------------------------------|----------|
| DLVT35LAS        | VivaSight-DL 35 Fr                 | 5        |
| DLVT37LAS        | VivaSight-DL 37 Fr                 | 5        |
| DLVT39LAS        | VivaSight-DL 39 Fr                 | 5        |
| DLVT41LAS        | VivaSight-DL 41 Fr                 | 5        |
| TVT70100AS       | VivaSight-SL 7.0 mm                | 5        |
| TVT75105AS       | VivaSight-SL 7.5 mm                | 5        |
| TVT80110AS       | VivaSight-SL 8.0 mm                | 5        |
| TVEB70100AS      | VivaSight-SL & EB Kit 7.0 mm, 9 Fr | 5        |
| TVEB75105AS      | VivaSight-SL & EB Kit 7.5 mm, 9 Fr | 5        |
| TVEB80110AS      | VivaSight-SL & EB Kit 8.0 mm, 9 Fr | 5        |
| EBB09700AS       | VivaSight-EB 9 Fr                  | 5        |



Ambu®  
Airway

# Laryngeal Masks

The Ambu Aura series of laryngeal masks is composed of:

## AuraGain

Ambu AuraGain is the only anatomically curved SGA with integrated gastric access and intubation capability, taking patient safety and airway management efficiency to a new level.

## Ambu AuraOnce

Available in eight convenient sizes, AuraOnce from Ambu is the ideal alternative to a traditional face mask for achieving and maintaining control of the airway during routine and emergency anaesthetic procedures in fasted patients. It is also an excellent option when unexpected difficulties arise in connection with airway management.



## Ambu AuraFlex

Ambu AuraFlex is a disposable, flexible laryngeal mask which is specially designed for ENT, ophthalmic, dental and other head and neck surgeries.

## Ambu AuraStraight

Ambu AuraStraight provides users with an even greater choice and an alternative to the already popular AuraOnce curved laryngeal mask for use both in anaesthesia and emergency medicine. Ambu AuraStraight comes in a full range of 8 sizes from neonate to large adult.

## Features

### Easy to install "Easy glide"

Studies have concluded that the Ambu Aura Once laryngeal masks are easier to insert than other laryngeal masks. The special curvature of the tube is a faithful copy of the natural human anatomy. The user is not required to place his fingers in the mouth of the patient.

### Perfect seal

Clinical studies have shown that the Ambu laryngeal masks have a higher oropharyngeal seal. Specific studies indicate that the pressure of the cuff is not affected by the position of the head of the patient. Good sealing is crucial for ventilation, so if the pressure cannot be maintained, the ventilation of the patient will fail.

### Minimal trauma

Ambu laryngeal masks are less traumatic with regard to complications during anaesthesia pre- and postoperative procedures. Clinical studies conclude that postoperative complaints are rare.

### Versatile

Met with a wide range of products on offer, there is an Ambu laryngeal mask for virtually every need in all categories. Ambu develops and produces in close cooperation with healthcare professionals to provide the highest performance with innovative features.

Visit [www.ambu.co.uk](http://www.ambu.co.uk) for clinical studies.

## Summary of various laryngeal masks



### AuraGain

- DEHP free
- 8 sizes (1-6) for patients <5 to > 100kg
- Broad clinical use. Gastric access channel for managing gastric content
- Sterile with 3 year shelf life
- MR safe



### AuraOnce

- DEHP free
- 8 sizes (1-6) for patients <5 to > 100kg
- Broad clinical use
- Sterile with 3 year shelf life
- MR safe



### AuraFlex

- DEHP free
- 6 sizes (2-6), patients 10-20kg to > 100kg
- Great for dental surgery, tonsillectomy, or other oral or facial procedures where the airway tube should be moved to gain access
- Sterile with 3 year shelf life
- Not MR safe due to wire steel to the tube to strengthen



### AuraStraight

- DEHP free
- 8 sizes (1-6), patients <5kg to > 100kg
- Great for patients with a long neck, receding lower, or in patients lateral position
- Sterile with 3 year shelf life
- MR safe

## Ambu® AuraGain™



Ambu AuraGain is the only anatomically curved SGA with integrated gastric access and intubation capability, taking patient safety and airway management efficiency to a new level.

The AuraGain is Ambu's 2nd generation laryngeal mask, satisfying 3 fundamental airway management needs by integrating gastric access and intubation capability in an anatomically curved single-use device that facilitates rapid establishment of a safe airway.

### Features and Benefits:

- Integrated gastric access channel for managing gastric content
- The original anatomical curve, ensuring rapid placement
- Intubating capability using standard ET-tubes
- Integrated bite absorption area prevents airway occlusion
- Pilot balloon identifies mask size and provides tactile indication of degree of inflation
- Navigation marks for guiding flexible scope
- MR safe
- Phthalate-free material. Does not contain natural rubber latex

### AuraGain

#### Product Specification

|                       | Infant    |           | Paediatric |           | Adult     |           |           |           |
|-----------------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|
| Product item no.      | 408100000 | 408150000 | 408200000  | 408250000 | 408300000 | 408400000 | 408500000 | 408600000 |
| Mask size             | #1        | #1½       | #2         | #2½       | #3        | #4        | #5        | #6        |
| Packaging colour code | ■         | ■         | ■          | ■         | ■         | ■         | ■         | ■         |
| Patient weight        | < 5 kg    | 5-10 kg   | 10-20 kg   | 20-30 kg  | 30-50 kg  | 50-70 kg  | 70-100 kg | >100 kg   |

## Ambu® AuraOnce™



Available in eight convenient sizes, AuraOnce from Ambu is the ideal alternative to a traditional laryngeal masks for achieving and maintaining control of the airway during routine and emergency anaesthetic procedures in fasted patients. It is also an excellent option when unexpected difficulties arise in connection with airway management.

The Ambu AuraOnce features a special 70° curve that carefully replicates natural human anatomy. Moulded directly into the tube for additional safety, the unique

shape of the mask makes correct insertion fast and easy without putting extra stress on the upper jaw. Moreover, like all Ambu laryngeal masks, AuraOnce has a higher oropharyngeal seal pressure to ensure reliable ventilation.

AuraOnce has also proven to be particularly useful in establishing a clear airway during resuscitation in profoundly unconscious patients with absent glossopharyngeal and laryngeal reflexes who may need artificial ventilation.

### Features and Benefits:

- Ergonomically shaped airway tube for firm and ergonomical grip during insertion
- Soft cuff ensures a good seal with low mucosal pressure
- Reinforced tip resists folding during insertion and plugs the upper esophageal sphincter
- Cuff and airway tube moulded as single unit for extra safety – no separation
- Pilot balloon identifies mask size and provides precise tactile indication of degree of inflation
- Convenient depth marks for monitoring correct position
- Packaged sterile and ready for use in colour-coded pouches
- MR safe
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

### AuraOnce

#### Product Specification

|                       | Infant    |           | Paediatric |           | Adult     |           |           |           |
|-----------------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|
| Product item no.      | 321100000 | 321150000 | 321200000  | 321250000 | 321300000 | 321400000 | 321500000 | 321600000 |
| Mask size             | #1        | #1½       | #2         | #2½       | #3        | #4        | #5        | #6        |
| Packaging colour code | ■         | ■         | ■          | ■         | ■         | ■         | ■         | ■         |
| Patient weight        | < 5 kg    | 5-10 kg   | 10-20 kg   | 20-30 kg  | 30-50 kg  | 50-70 kg  | 70-100 kg | >100 kg   |

## Ambu® AuraStraight™



The Ambu® AuraStraight™ provides users with an even greater choice and an alternative to the already popular AuraOnce curved laryngeal mask for use both in anaesthesia and emergency medicine. Ambu AuraStraight comes in a full range of 8 sizes from neonate to large adult.

### Features and Benefits:

- Reinforced tip resists folding over during insertion and plugs the upper esophageal sphincter
- Cuff and airway tube moulded as single unit for extra safety - no separation
- The surface has an EasyGlide texture to ease insertion
- Extra soft cuff ensures the best possible seal with least possible mucosal pressure
- Less invasive than endotracheal tube
- Pilot balloon identifies mask size and provides precise tactile indication degree of inflation
- Convenient depth marks for monitoring correct position of the mask
- Packaged sterile and ready for use
- Colour coded pouch with directions for use
- Available in 8 sizes fitting a wide range of patients
- MR safe and compatible
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

### AuraStraight

#### Product Specification

|                       | Infant    |           | Paediatric |           | Adult     |           |           |           |
|-----------------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|
| Product item no.      | 324100000 | 324150000 | 324200000  | 324250000 | 324300000 | 324400000 | 324500000 | 324600000 |
| Mask size             | #1        | #1½       | #2         | #2½       | #3        | #4        | #5        | #6        |
| Packaging colour code | ■         | ■         | ■          | ■         | ■         | ■         | ■         | ■         |
| Patient weight        | < 5 kg    | 5-10 kg   | 10-20 kg   | 20-30 kg  | 30-50 kg  | 50-70 kg  | 70-100 kg | >100 kg   |

## Ambu® AuraFlex™



Ambu® AuraFlex™ is a disposable, flexible laryngeal mask which is specially designed for ENT, ophthalmic, dental and other head and neck surgeries.

The challenge of a flexible laryngeal mask is the combination of needs: the ease of insertion and security of the airway needed by the anaesthesiologist, the

flexibility and room to work needed by the surgeon and the need to protect the patient from residual proteins. Ambu® AuraFlex™ combines these needs in an innovative, single-use solution.

### Features and Benefits:

- High flexibility of the reinforced airway tube enables positioning away from the surgical field without loss of seal
- Integrated pilot tube eases the surgeons work and reduces the risk of cutting the pilot tube during surgery
- Kink-free wire-reinforced airway tube eliminates the risk of airway tube occlusion
- Full range from size 2 through size 6 - widest range of possible uses
- Thin and soft feel of the cuff with EasyGlide surface for easy and smooth insertion and removal
- Reinforced tip eases insertion and prevents folds during insertion - easy, fast and accurate positioning
- Depth marks for visual control of correct positioning of the mask
- Packaged sterile and ready for use
- Colour-coded packaging with directions for use
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

### AuraFlex

#### Product Specification

|                       | Paediatric |           |           | Adult     |           |           |
|-----------------------|------------|-----------|-----------|-----------|-----------|-----------|
| Product item no.      | 327200000  | 327250000 | 327300000 | 327400000 | 327500000 | 327600000 |
| Mask size             | #2         | #2½       | #3        | #4        | #5        | #6        |
| Packaging colour code | ■          | ■         | ■         | ■         | ■         | ■         |
| Patient weight        | 10-20 kg   | 20-30 kg  | 30-50 kg  | 50-70 kg  | 70-100 kg | >100 kg   |

## Ambu® Cuff Pressure Gauge



The Ambu® Cuff Pressure Gauge is designed to inflate and monitor the pressure of laryngeal masks and intubation tubes with low-pressure cuffs.

The dial has two zones of measurement graded in cm H<sub>2</sub>O with colour coding for optimum visibility. The Luer connection allows the gauge to be connected to laryngeal masks or intubation tubes, either directly or via the connecting tube.

The Ambu Cuff Pressure Gauge has an ergonomic design and is easy to operate thanks to the integrated inflation bulb and release valve. It addresses the particular needs of anaesthesia and resuscitation services.

### Features and Benefits:

- Simple and robust design
- Compatible with all Ambu laryngeal masks
- H<sub>2</sub>O graded in cm
- Easy-to-use inflation bulb and release valve
- Large dial for optimal display
- Standard Luer connector
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

### Cuff Pressure Gauge

#### Product Specification

|                  |  |                                   |
|------------------|--|-----------------------------------|
| Product item no. | 321900000  | 321000702                         |
| Type             | Ambu Cuff Pressure Gauge for inflating and testing cuffs | Tube for Cuff Pressure Gauge, 1 m |

## Face Masks

### Ambu Face Masks

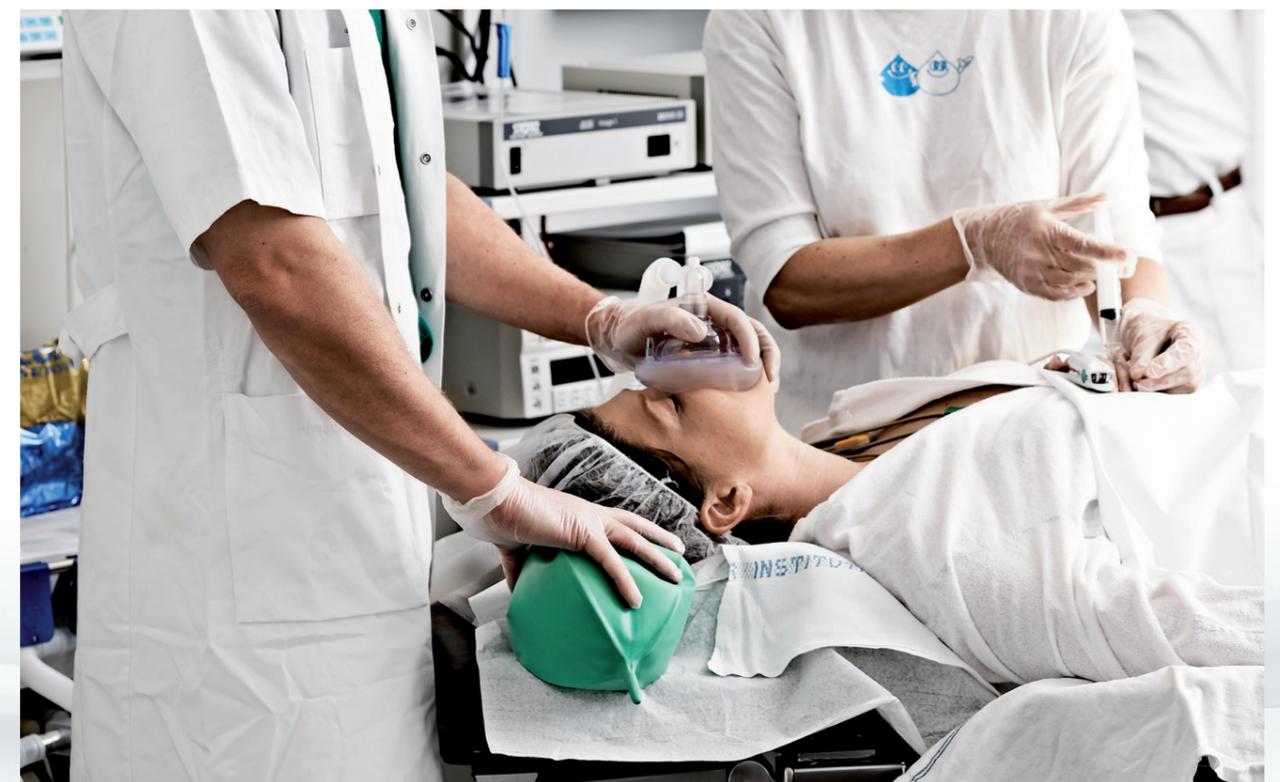
Ambu has a long history in the production and selling of quality masks for use both within the hospital and pre-hospital. All Ambu face masks are compatible with the different models and sizes of our resuscitators.

There are several options for choosing the correct facial mask according to the needs of the user and the patient. We have a fully transparent, reusable and disposable version of the classic blue silicone masks. The masks are typically used to support ventilation during the preparation of anaesthesia of the patient for the operation.

The Ambu face masks meet all-important features that users need, providing an airtight seal with minimal applied pressure. The mask is transparent for visual inspection of bleeding, vomiting and spontaneous breathing. The design and the shape of the cap is assured to support user manipulation during long-term ventilation. All our masks conform to the ISO rules relation to the size of the connections, and are compatible with all models of ventilation balloons on the market.

They have always been a great addition to the already existing Ambu resuscitators. Quality, effectiveness and comfort is recognised by all users. Ambu has expanded with the acquisition of King Systems.

Ambu King Masks are designed for comfort and safety, and are "The leading mask design". The edge is extremely flexible and feels sticky for excellent seal on the patient. These masks are superior in all shapes and sizes.



## Summary of face masks



### Ambu® UltraSeal disposable face mask

- DEHP free
- 7 sizes
- Specifically designed for use within anaesthetic departments
- Disposable
- With or without control valve
- 3 year shelf life



### Ambu® King Mask disposable face mask

- Market Leading Design
- Cushion is pliable and tacky to the touch, for an excellent face seal
- Ribbed on top of the cushion, for a no-slip grip
- Anatomically shaped cuff enabling a tight seal with minimum applied pressure
- Flexible dome
- Clear dome for easy observation of the patient's condition
- Latex free
- MR Safe
- Phthalate-free material
- Color-coded hook rings for easy size identification\*



### Ambu® Disposable face mask

- DEHP free
- 6 sizes
- These disposable masks are designed for use with both manual and automatic resuscitators
- Disposable
- With or without control valve
- 3 year shelf life

## Additional information:

The Ambu and King Systems face masks are 100% latex and DEHP free.

Most of our masks are available with and without a check valve.

\* Not available for sizes 1 and 2.



## Ambu® UltraSeal face masks



The Ambu UltraSeal face mask is an anatomically correct disposable face mask designed specifically for anaesthetic departments.

It is a single use disposable face mask that comes both with and without a check valve. Sizes 3, 4, 5 and 6 come with a hook ring for attachment of the mask with a strap. The current range consists of 4 paediatric sizes, and 3 adult sizes up to size 6 Large Adult.

### Features and Benefits:

- Transparent and crystal clear dome secures easy observation of the patient's condition during use
- Very soft anatomically shaped cuff that enables a tight seal with a minimum of pressure applied.
- Colour code on the package for quick and easy size identification
- All sizes are individually delivered in a clean medical box of 20 pieces total, or as single units.
- Hook ring on all versions apart of the neonate and infant dimensions. The hook ring can simply be removed if not needed
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

### Ambu® UltraSeal face masks

#### Product Specification

| Ambu® UltraSeal face masks | Paediatric |           |           |           | Child/ Small Adult | Medium Adult | Large Adult |
|----------------------------|------------|-----------|-----------|-----------|--------------------|--------------|-------------|
| Product item no.           | 305102000  | 305104000 | 305106000 | 305108000 | 305010000          | 305012000    | 305014000   |
| Mask size                  | #0         | #1        | #2        | #3        | #4                 | #5           | #6          |
| Packaging colour code      | ■          | ■         | ■         | ■         | ■                  | ■            | ■           |

| Ambu® UltraSeal face masks with checkvalve | Paediatric |           |           |           | Child/ Small Adult | Medium Adult | Large Adult |
|--|------------|-----------|-----------|-----------|--------------------|--------------|-------------|
| Product item no.                           | 305101000  | 305103000 | 305105000 | 305107000 | 305011000          | 305013000    | 305015000   |
| Mask size                                  | #0         | #1        | #2        | #3        | #4                 | #5           | #6          |
| Packaging colour code                      | ■          | ■         | ■         | ■         | ■                  | ■            | ■           |

## Ambu® King Mask disposable face masks



Because of the innovative quality design of the Ambu® King Mask, it is the market leading anaesthesia mask design available today. The Ambu® King Mask has a thin and tacky cushion which improves the ability to create a ventilation seal on a variety of patients. The design with rounded edges secures a smooth grip and user comfort. The Ambu® King Mask is made of phthalate-free PVC

material for patient and user safety. Furthermore, the Ambu® King Mask can be used in a MR environment, as it is MR Safe.

The Ambu® King Mask is also available in a scented version with Fresh Scent, Bubble Gum, Strawberry and Cherry scents. The Sweet Dreams™ masks release soothing aroma from natural oils in mask cushion.

### Features and Benefits:

- Cushion is extremely pliable and tacky to the touch, for an excellent face seal
- Anatomically shaped cuff enabling a tight seal with minimum applied pressure
- Clear dome for easy observation of the patient's condition
- Ribbed on top of the cushion, for a no-slip grip
- Flexible, self-expanding dome
- Color-coded hook rings for easy size identification\*  
\*Not available for sizes 1 and 2

## Ambu® King Mask disposable face masks

### Product Specification

| Ambu® King Mask disposable face masks | Neonate | Infant | Toddler | Child/ Small Adult | Medium Adult | Large Adult | XL Adult |
|---------------------------------------|---------|--------|---------|--------------------|--------------|-------------|----------|
| Mask size                             | #1      | #2     | #3      | #4                 | #5           | #6          | #7RD     |
| Packaging colour code                 | ■       | ■      | ■       | ■                  | ■            | ■           | ■        |
| Original (unscented)                  | 1012    | 1022   | 1032    | 1045               | 1055         | 1065        | 1075     |
| Fresh Scent (mint)                    | 2012    | 2022   | 2032    | 2045               | 2055         | 2065        | 2075     |
| Bubble Gum                            |         | K1122  | 1132    | 1145               |              |             |          |
| Strawberry                            |         | 1222   | 1232    | 1245               |              |             |          |
| Cherry                                |         | 1322   | 1332    | 1345               |              |             |          |
| Scented masks variety pack            |         | 1423   | 1433    | 1443               |              |             |          |

Part #'s ending in 2 = 20 per case • Part #'s ending in 5 = 50 per case  
Part #'s ending in 3 = 30 per case (Scented mask variety pack 10 of each of Bubble Gum, Strawberry, & Cherry)

## Ambu® Disposable face masks



The Ambu disposable face mask is an anatomically shaped mask designed for use with manual and automatic fans and ventilators.

The mask comes in an assortment of 6 different sizes, and comes with or without a control valve, providing a good seal and minimum pressure on the patient.

### Features and Benefits:

- Thumb Support for user convenience
- Soft, moulded, air filled edge to tightly fit on the face of the patient
- Crystal clear dome for easy observation of the condition of the patient
- For use with a single patient. Time-consuming cleaning, sterilisation and disinfection procedures are not necessary. The potential risk of cross infection is excluded.
- Hook ring on all versions apart from the neonate and infant dimensions. The hook ring can be removed if not needed
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

## Ambu® Disposable face masks

### Product Specification

| Ambu® Disposable face masks                 | Neonate   | Infant    | Toddler   | Child/ Small Adult | Medium Adult | Large Adult |
|---|-----------|-----------|-----------|--------------------|--------------|-------------|
| Product item no.                            | 000252051 | 000252052 | 000252053 | 000252054          | 000252055    | 000252056   |
| Ambu® Disposable face masks with checkvalve | Neonate   | Infant    | Toddler   | Child/ Small Adult | Medium Adult | Large Adult |
| Product item no.                            | 000252951 | 000252952 | 000252953 | 000252954          | 000252955    | 000252956   |

# Resuscitators

With the innovative development of the new self-inflating "Ambu bag" in 1956, Ambu has forever changed the history of aid. Today, after more than half a century, Ambu is still involved in the development of innovative products that help save lives and simplify working conditions for anaesthetists and the benefit of patients.

In the field of ventilation Ambu offers a wide range of products, from the ventilator, face masks and laryngeal masks to flexible disposable videoscopes and video laryngoscopes. These products all have their place in the difficult airway algorithm.

## Summary of Ambu's disposable resuscitator



### SPUR II disposable resuscitator

- Available for adults, paediatrics and Newborn
- Material SEBS
- Disposable
- Not jacketed



## Ambu® SPUR II disposable resuscitator



The invention of the "Ambu bag" resuscitator in 1956 started Ambu on its continuous journey developing products that others may not consider possible.

Today the term "Ambu bag" is used all over the world as a generic term for a resuscitator, however only Ambu manufacture the real "Ambu bag"

The Ambu SPUR II (Single Patient Use Resuscitator) is designed for manual ventilation of neonates through to adults and now with M-Port for direct capnography recording.

### Features and Benefits:

- DIRECT etCO<sub>2</sub> Capability
- Integrated handle for reliable functionality
- Features our SafeGrip™ surface to ensure a secure grip onto the bag
- Unique shape is small and easy to hold. The ergonomic, lightweight design of Ambu SPUR II is made for optimal user handling and support even during extended ventilations
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

### Ambu® SPUR II disposable resuscitator

#### Product Specification

|                                | Adult  | Paediatric                       | Infant                           |
|--------------------------------|--|----------------------------------|----------------------------------|
| Stoke volume                   | one hand 800 ml/ two hands 1100 ml                         | 450 ml                           | 150 ml                           |
| Resuscitator volume            | 1475 ml  | 635 ml                           | 220 ml                           |
| Dimensions (length x diameter) | 295 x 127 mm   | 234 x 99 mm                      | 168 x 71 mm                      |
| Pressure-limiting valve        | Pressure limiting valve*: 4.0 kPa (40 cm H <sub>2</sub> O) | 4.0 kPa (40 cm H <sub>2</sub> O) | 4.0 kPa (40 cm H <sub>2</sub> O) |
| MediPort                       | Standard Luer LS 6   |                                  |                                  |

\*Adult version also available without pressure limiting valve



| Adult  | Paediatric  | Infant  |
|--|---|---|
| Item no: 325 002 000<br>Ambu SPUR II Adult, with patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 5 (12 pcs. per box)   | Item no: 330 002 000<br>Ambu SPUR II Paediatric, with pressure limiting valve, patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 0 (12 pcs. per box)                    | Item no: 335 002 000 RH<br>Ambu SPUR II Infant with pressure limiting valve, patient valve, O <sub>2</sub> tube reservoir and disposable face mask size 0 (12 pcs. per box) <b>with expiry date</b> |
| Item no: 325 014 000<br>Ambu SPUR II Adult, with pressure limiting valve, patient valve, O <sub>2</sub> bag reservoir and disposable face mask 1 x adult size and 1 x toddler size (12 pcs. per box) | Item no: 330 006 002<br>Ambu SPUR II Paediatric, with pressure limiting valve, O <sub>2</sub> bag reservoir and disposable face mask size 1 and size 2 (6 pcs. per box) <b>with expiry date</b> | Item no: 335 003 000<br>Ambu SPUR II Infant with pressure limiting valve, patient valve, O <sub>2</sub> tube reservoir and disposable face mask size 1 (12 pcs. per box)                            |
| Item no: 325 002 002<br>Ambu SPUR II Adult, with patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 5 (12 pcs. per box) <b>with expiry date</b>                               | Item no: 330 006 000<br>Ambu SPUR II Paediatric, with pressure limiting valve, O <sub>2</sub> bag reservoir and disposable face mask size 1 and size 2 (6 pcs. per box, expanded)               | Item no: 335 102 000<br>Ambu SPUR II Infant with pressure limiting valve, patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 0 (12 pcs. per box)                             |
| Item no: 325 003 002<br>Ambu SPUR II Adult, with patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 5 (6 pcs. per box) <b>with expiry date</b>                                |   | Item no: 335 002 000<br>Ambu SPUR II Infant with pressure limiting valve, patient valve, O <sub>2</sub> tube reservoir and disposable face mask size 0 (12 pcs. per box)                            |
| Item no: 325 012 002<br>Ambu SPUR II Adult, with pressure limiting valve, patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 5 (12 pcs. per box) <b>with expiry date</b>      |   |   |

## Ambu® PEEP Valves - Disposable

Ambu® PEEP Valves are designed for use with manual resuscitators or ventilators, where specified by the manufacturer.



### Features and Benefits:

- MR conditional, up to 3 Tesla (only disposable PEEP valve)
- Unique resistance
- Direct connection without adapter

## Ambu® PEEP Valves - Disposable

### Product Specification

|                  |  |
|------------------|--|
| Product item no. | 199 103 001  |
| Type             | Ambu Disposable PEEP Valve 20, with adapter for respirators/CPAP system 22/19 mm |

Can be purchased singly or in a box quantity of 10.

## Ambu® Disposable Pressure Manometer

The Ambu Disposable Pressure Manometer for single patient use is intended to be used for monitoring the patient's airway pressure.



### Features and Benefits:

- The slim design makes it easy to monitor pressure with minimum obstruction of the view of the patient's face
- As a single patient use product, the Ambu Disposable Pressure Manometer minimises the risk of cross infections
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

## Ambu® Disposable Pressure Manometer

### Product Specification

|                    |  |
|--------------------|--|
| Product item no.   | 322 003 000  |
| Type               | Ambu Disposable Pressure Manometer, 20 pcs per box sold individually   |
| Measuring limits   | 0-60 cm H <sub>2</sub> O (hPa)   |
| Measuring accuracy | +/- 2 cm H <sub>2</sub> O (hPa) tot 7,5, 10, 15, 20, 30 H <sub>2</sub> O (hPa)<br>+/- 3 cm H <sub>2</sub> O (hPa) tot 40 H <sub>2</sub> O (hPa)<br>+/- 5 cm H <sub>2</sub> O (hPa) tot 60 H <sub>2</sub> O (hPa) |



Ambu®

Pre-Hospital

# Ambu® SPUR II disposable resuscitator



The invention of the "Ambu bag" resuscitator in 1956 started Ambu on its continuous journey developing products that others may not consider possible.

Today the term "Ambu bag" is used all over the world as a generic term for a resuscitator, however only Ambu manufacture the real "Ambu bag"

The Ambu SPUR II (Single Patient Use Resuscitator) is designed for manual ventilation of neonates through to adults and now with M-Port for direct capnography recording.

## Features and Benefits:

- DIRECT etCO<sub>2</sub> Capability
- Integrated handle for reliable functionality
- Features our SafeGrip™ surface to ensure a secure grip onto the bag
- Unique shape is small and easy to hold. The ergonomic, lightweight design of Ambu SPUR II is made for optimal user handling and support even during extended ventilations
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

## Ambu® SPUR II disposable resuscitator

### Product Specification

|                                | Adult  | Paediatric                       | Infant                           |
|--------------------------------|--|----------------------------------|----------------------------------|
| Stroke volume                  | one hand 800 ml/ two hands 1100 ml                         | 450 ml                           | 150 ml                           |
| Resuscitator volume            | 1475 ml  | 635 ml                           | 220 ml                           |
| Dimensions (length x diameter) | 295 x 127 mm   | 234 x 99 mm                      | 168 x 71 mm                      |
| Pressure-limiting valve        | Pressure limiting valve*: 4.0 kPa (40 cm H <sub>2</sub> O) | 4.0 kPa (40 cm H <sub>2</sub> O) | 4.0 kPa (40 cm H <sub>2</sub> O) |
| MediPort                       | Standard Luer LS 6   |                                  |                                  |

\*Adult version also available without pressure limiting valve



| Adult  | Paediatric  | Infant  |
|--|---|---|
| Item no: 325 002 000<br>Ambu SPUR II Adult, with patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 5 (12 pcs. per box)   | Item no: 330 002 000<br>Ambu SPUR II Paediatric, with pressure limiting valve, patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 0 (12 pcs. per box)                    | Item no: 335 002 000 RH<br>Ambu SPUR II Infant with pressure limiting valve, patient valve, O <sub>2</sub> tube reservoir and disposable face mask size 0 (12 pcs. per box) <b>with expiry date</b> |
| Item no: 325 014 000<br>Ambu SPUR II Adult, with pressure limiting valve, patient valve, O <sub>2</sub> bag reservoir and disposable face mask 1 x adult size and 1 x toddler size (12 pcs. per box) | Item no: 330 006 002<br>Ambu SPUR II Paediatric, with pressure limiting valve, O <sub>2</sub> bag reservoir and disposable face mask size 1 and size 2 (6 pcs. per box) <b>with expiry date</b> | Item no: 335 003 000<br>Ambu SPUR II Infant with pressure limiting valve, patient valve, O <sub>2</sub> tube reservoir and disposable face mask size 1 (12 pcs. per box)                            |
| Item no: 325 002 002<br>Ambu SPUR II Adult, with patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 5 (12 pcs. per box) <b>with expiry date</b>                               | Item no: 330 006 000<br>Ambu SPUR II Paediatric, with pressure limiting valve, O <sub>2</sub> bag reservoir and disposable face mask size 1 and size 2 (6 pcs. per box, expanded)               | Item no: 335 102 000<br>Ambu SPUR II Infant with pressure limiting valve, patient valve, O <sub>2</sub> tube reservoir and disposable face mask size 0 (12 pcs. per box)                            |
| Item no: 325 003 002<br>Ambu SPUR II Adult, with patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 5 (6 pcs. per box) <b>with expiry date</b>                                |   | Item no: 335 002 000<br>Ambu SPUR II Infant with pressure limiting valve, patient valve, O <sub>2</sub> tube reservoir and disposable face mask size 0 (12 pcs. per box)                            |
| Item no: 325 012 002<br>Ambu SPUR II Adult, with pressure limiting valve, patient valve, O <sub>2</sub> bag reservoir and disposable face mask size 5 (12 pcs. per box) <b>with expiry date</b>      |   |   |

## Ambu® King Mask disposable face masks



Because of the innovative quality design of the Ambu® King Mask, it is the market leading anaesthesia mask design available today. The Ambu® King Mask has a thin and tacky cushion which improves the ability to create a ventilation seal on a variety of patients. The design with rounded edges secures a smooth grip and user comfort. The Ambu® King Mask is made of phthalate-free PVC

material for patient and user safety. Furthermore, the Ambu® King Mask can be used in a MR environment, as it is MR Safe.

The Ambu® King Mask is also available in a scented version with Fresh Scent, Bubble Gum, Strawberry and Cherry scents. The Sweet Dreams™ masks release soothing aroma from natural oils in mask cushion.

### Features and Benefits:

- Cushion is extremely pliable and tacky to the touch, for an excellent face seal
- Anatomically shaped cuff enabling a tight seal with minimum applied pressure
- Clear dome for easy observation of the patient's condition
- Ribbed on top of the cushion, for a no-slip grip
- Flexible, self-expanding dome
- Color-coded hook rings for easy size identification\*  
\*Not available for sizes 1 and 2

## Ambu® King Mask disposable face masks

### Product Specification

| Ambu® King Mask disposable face masks | Neonate | Infant | Toddler | Child/ Small Adult | Medium Adult | Large Adult | XL Adult |
|---------------------------------------|---------|--------|---------|--------------------|--------------|-------------|----------|
| Mask size                             | #1      | #2     | #3      | #4                 | #5           | #6          | #7RD     |
| Packaging colour code                 | ■       | ■      | ■       | ■                  | ■            | ■           | ■        |
| Original (unscented)                  | 1012    | 1022   | 1032    | 1045               | 1055         | 1065        | 1075     |
| Fresh Scent (mint)                    | 2012    | 2022   | 2032    | 2045               | 2055         | 2065        | 2075     |
| Bubble Gum                            |         | K1122  | 1132    | 1145               |              |             |          |
| Strawberry                            |         | 1222   | 1232    | 1245               |              |             |          |
| Cherry                                |         | 1322   | 1332    | 1345               |              |             |          |
| Scented masks variety pack            |         | 1423   | 1433    | 1443               |              |             |          |

Part #'s ending in 2 = 20 per case • Part #'s ending in 5 = 50 per case  
Part #'s ending in 3 = 30 per case (Scented mask variety pack 10 of each of Bubble Gum, Strawberry, & Cherry)

## Ambu® PEEP Valves - Disposable

Ambu® PEEP Valves are designed for use with manual resuscitators or ventilators, where specified by the manufacturer.



### Features and Benefits:

- MR conditional, up to 3 Tesla (only disposable PEEP valve)
- Unique resistance
- Direct connection without adapter

## Ambu® PEEP Valves - Disposable

### Product Specification

|                  |  |
|------------------|--|
| Product item no. | 199 103 001  |
| Type             | Ambu Disposable PEEP Valve 20, with adapter for respirators/CPAP system 22/19 mm |

Can be purchased singly or in a box quantity of 10.

## Ambu® Disposable Pressure Manometer

The Ambu Disposable Pressure Manometer for single patient use is intended to be used for monitoring the patient's airway pressure.



### Features and Benefits:

- The slim design makes it easy to monitor pressure with minimum obstruction of the view of the patient's face
- As a single patient use product, the Ambu Disposable Pressure Manometer minimises the risk of cross infections
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

## Ambu® Disposable Pressure Manometer

### Product Specification

|                    |  |
|--------------------|--|
| Product item no.   | 322 003 000  |
| Type               | Ambu Disposable Pressure Manometer, 20 pcs per box sold individually   |
| Measuring limits   | 0-60 cm H <sub>2</sub> O (hPa)   |
| Measuring accuracy | +/- 2 cm H <sub>2</sub> O (hPa) tot 7.5, 10, 15, 20, 30 H <sub>2</sub> O (hPa)<br>+/- 3 cm H <sub>2</sub> O (hPa) tot 40 H <sub>2</sub> O (hPa)<br>+/- 5 cm H <sub>2</sub> O (hPa) tot 60 H <sub>2</sub> O (hPa) |

## Ambu® AuraGain™



Ambu AuraGain is the only anatomically curved SGA with integrated gastric access and intubation capability, taking patient safety and airway management efficiency to a new level.

The AuraGain is Ambu's 2nd generation laryngeal mask, satisfying 3 fundamental airway management needs by integrating gastric access and intubation capability in an anatomically curved single-use device that facilitates rapid establishment of a safe airway.

### Features and Benefits:

- Integrated gastric access channel for managing gastric content
- The original anatomical curve, ensuring rapid placement
- Intubating capability using standard ET-tubes
- Integrated bite absorption area prevents airway occlusion
- Pilot balloon identifies mask size and provides tactile indication of degree of inflation
- Navigation marks for guiding flexible scope
- MR safe
- Phthalate-free material. Does not contain natural rubber latex

### AuraGain

#### Product Specification

| Product item no.      | Infant |         | Paediatric |          | Adult    |          |           |         |
|-----------------------|--------|---------|------------|----------|----------|----------|-----------|---------|
|                       | #1     | #1½     | #2         | #2½      | #3       | #4       | #5        | #6      |
| Mask size             | #1     | #1½     | #2         | #2½      | #3       | #4       | #5        | #6      |
| Packaging colour code | ■      | ■       | ■          | ■        | ■        | ■        | ■         | ■       |
| Patient weight        | < 5 kg | 5-10 kg | 10-20 kg   | 20-30 kg | 30-50 kg | 50-70 kg | 70-100 kg | >100 kg |

## Ambu® AuraOnce™



Available in eight convenient sizes, AuraOnce from Ambu is the ideal alternative to a traditional laryngeal mask for achieving and maintaining control of the airway during routine and emergency anaesthetic procedures in fasted patients. It is also an excellent option when unexpected difficulties arise in connection with airway management.

The Ambu AuraOnce features a special 70° curve that carefully replicates natural human anatomy. Moulded directly into the tube for additional safety, the unique shape of the mask makes correct insertion fast and easy

without putting extra stress on the upper jaw. Moreover, like all Ambu laryngeal masks, AuraOnce has a higher oropharyngeal seal pressure to ensure reliable ventilation.

AuraOnce has also proven to be particularly useful in establishing a clear airway during resuscitation in profoundly unconscious patients with absent glossopharyngeal and laryngeal reflexes who may need artificial ventilation.

### Features and Benefits:

- Ergonomically shaped airway tube for firm and ergonomical grip during insertion
- Soft cuff ensures a good seal with low mucosal pressure
- Reinforced tip resists folding during insertion and plugs the upper esophageal sphincter
- Cuff and airway tube moulded as single unit for extra safety – no separation
- Pilot balloon identifies mask size and provides precise tactile indication of degree of inflation
- Convenient depth marks for monitoring correct position
- Packaged sterile and ready for use in colour-coded pouches
- MR safe
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

### AuraOnce

#### Product Specification

| Product item no.      | Infant |         | Paediatric |          | Adult    |          |           |         |
|-----------------------|--------|---------|------------|----------|----------|----------|-----------|---------|
|                       | #1     | #1½     | #2         | #2½      | #3       | #4       | #5        | #6      |
| Mask size             | #1     | #1½     | #2         | #2½      | #3       | #4       | #5        | #6      |
| Packaging colour code | ■      | ■       | ■          | ■        | ■        | ■        | ■         | ■       |
| Patient weight        | < 5 kg | 5-10 kg | 10-20 kg   | 20-30 kg | 30-50 kg | 50-70 kg | 70-100 kg | >100 kg |

# Ambu® AuraStraight™



The Ambu® AuraStraight™ provides users with an even greater choice and an alternative to the already popular AuraOnce curved laryngeal mask for use both in anaesthesia and emergency medicine. Ambu AuraStraight comes in a full range of 8 sizes from neonate to large adult.

## Features and Benefits:

- Reinforced tip resists folding over during insertion and plugs the upper esophageal sphincter
- Cuff and airway tube moulded as single unit for extra safety - no separation
- The surface has an EasyGlide texture to ease insertion
- Extra soft cuff ensures the best possible seal with least possible mucosal pressure
- Less invasive than endotracheal tube
- Pilot balloon identifies mask size and provides precise tactile indication degree of inflation
- Convenient depth marks for monitoring correct position of the mask
- Packaged sterile and ready for use
- Colour coded pouch with directions for use
- Available in 8 sizes fitting a wide range of patients
- MR safe and compatible
- Phthalate-free material. DEHP free. Does not contain natural rubber latex

## AuraStraight

### Product Specification

|                       | Infant    |           | Paediatric |           | Adult     |           |           |           |
|-----------------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|
| Product item no.      | 324100000 | 324150000 | 324200000  | 324250000 | 324300000 | 324400000 | 324500000 | 324600000 |
| Mask size             | #1        | #1½       | #2         | #2½       | #3        | #4        | #5        | #6        |
| Packaging colour code | ■         | ■         | ■          | ■         | ■         | ■         | ■         | ■         |
| Patient weight        | < 5 kg    | 5-10 kg   | 10-20 kg   | 20-30 kg  | 30-50 kg  | 50-70 kg  | 70-100 kg | >100 kg   |

# Ambu® Redi-ACE Adult & Redi-ACE Mini



Ambu Redi-ACE Adult

Ambu Redi-ACE Mini

The Ambu Redi-ACE is a unique adjustable collar. Combined with the Redi-ACE Mini these two collars offer 14 sizes ensuring that patients can have the most effective and accurate fit possible.

Made from radio-translucent materials, the collar is packaged completely flat and has a unique automatic flip up chin.

Ambu Redi-ACE is a disposable adjustable collar for immobilizing the cervical column.

The Ambu Redi-ACE incorporates latches that allow the rescuer to size the collar as accurate as possible to the victim's neck size. Two safety lock buttons hold the collar in place when adjusted.

## Features and Benefits:

- Easy to use. Ambu Redi-ACE has an automatic flip up chin and two locking buttons. It can be placed on the patient using only 3 steps; sizing - locking - placement.
- 2 collars for all patients. With 8 sizes of Ambu Redi-ACE and 6 sizes of Ambu Redi-ACE Mini the majority of patients can be treated.
- Practical characteristics. Ambu Redi-ACE can be stored completely flat. Additionally the Ambu Redi-ACE has cannula hooks to secure the oxygen tube.

## Ambu Redi-ACE Adult & Redi-ACE Mini

### Product Specification

|                                  | Ambu Redi-ACE                           | Ambu Redi-ACE Mini                      |
|----------------------------------|---|---|
| Product item no.                 | 472 001 000                             | 472 002 000                             |
| Adjustable sizes                 | Neckless, Short, Regular and Tall       | Infant, Paediatric and Small Adult      |
| Number of settings               | 8 adjustments                           | 6 adjustments                           |
| Dimensions                       | 554 x 215 x 14 mm (21.8" x 8.5" x 0.6") | 447 x 188 x 14 mm (17.6" x 7.4" x 0.6") |
| Weight                           | 200 g (7 ounces)                        | 100 g (3.5 ounces)                      |
| Colour                           | Blue/light grey                         | Yellow/light grey                       |
| Translucency                     | CT and MRI compatible                   | CT and MRI compatible                   |
| Material blue/light grey plastic | Polypropylene                           | Polypropylene                           |
| Foam                             | IXPE                                    | IXPE                                    |
| Storage temperature              | -30° to +70° C                          | -30° to +70° C                          |
| Operation temperature            | -10° to +40° C                          | -10° to +40° C                          |

## Ambu® Perfit ACE & Mini Perfit ACE



Ambu Perfit ACE

Ambu Mini Perfit ACE

The Ambu Perfit ACE is a unique adjustable collar. Combined with the Mini Perfit ACE these two collars offer an incredible 28 sizes ensuring that patients can now have the most effective and accurate fit ever.

Made from radio translucent materials, the collar is packaged completely flat and has a unique chin-flip feature to ease airway management. Ambu Perfit ACE is a disposable adult adjustable collar for immobilizing the cervical column.

Ambu Perfit Ace is an adjustable collar designed to fit any adult with 16 different settings ranging from Neckless to Tall sizes.

The Ambu Perfit ACE incorporates latches that allow the rescuer to size the collar exactly to the victim's neck size. Two safety lock buttons hold the collar in place when adjusted.

Ambu Mini Perfit ACE is an adjustable collar designed to fit children and small adults, with 12 different settings to provide an accurate fit.

### Features and Benefits:

- Stores completely flat
- Radio translucent
- Sizing line for easy and accurate sizing
- Standard size markings on both Adult and Mini
- Chin flip feature to ease airway management
- Nasal cannula tubing holder support
- Facilitates intubation
- This product does not contain any natural rubber latex
- Disposable
- When shipped, the default position of the Adult Ace collar is in the Neckless position, and the default position of the Mini Ace is the Infant position

### Ambu Perfit ACE & Mini Perfit Ace

#### Product Specification

|                                  | Ambu Perfit ACE                           | Ambu Mini Perfit ACE                      |
|----------------------------------|---|---|
| Product item no.                 | 000 281 001                               | 000 281 107                               |
| Adjustable sizes                 | Neckless, Short, Regular and Tall         | Infant, Paediatric and Small Adult        |
| Number of settings               | 16 adjustments                            | 12 adjustments                            |
| Dimensions                       | 554 x 215 x 14mm<br>(21.8" x 8.5" x 0.6") | 447 x 188 x 14mm<br>(17.6" x 7.4" x 0.6") |
| Weight                           | 200 g (7 ounces)                          | 100 g (3.5 ounces)                        |
| Colour                           | White/light grey                          | Yellow/light grey                         |
| Material blue/light grey plastic | Polypropylene                             | Polypropylene                             |
| Foam                             | Polyethylene                              | Polyethylene                              |

## Ambu® ET Tube Holder



Ambu's endotracheal tube holder allows the rescuer to apply the holder with one hand saving valuable time when every second counts. The Ambu ET Tube Holder is easy to use and can be placed on patients needing a 3mm - 9mm ET Tube.

For use on both adults and children.

### Features and Benefits:

- Designed to secure the ET tube in place after insertion in the trachea
- Comfortable foam padded backing
- Eliminates the need for tape and timely taping procedures
- Integrated bite block
- Quick Connect Ratchet System
- Non-latex strap with strap inducer for easy application around head
- Single patient use
- MR safe
- Latex free
- CT Scan safe

### Ambu ET Tube Holder

#### Product Specification

|                  |                    |
|------------------|--------------------|
| Product item no. | 320264041          |
| White strap      | Nylon              |
| Inducer (yellow) | Polypropylene (PP) |
| Tube body holder | Polycarbonate      |

# Ambu® Cardiac Electrodes

## Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Superior adhesion - prevents false alarms
- Unique offset connector - prevents artifacts from disrupting the readouts
- High-quality Ag/AgCl sensor - ensures excellent trace quality
- Occlusive backing material - resistant to fluids



### BlueSensor M

#### Ordering Information

| Item No.  | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------|-----------|----------------|-----------|------------------------|
| M-00-A/50 | 40.8 x 34 | 4 mm           | 50        | 15                     |
| M-00-S/50 | 40.8 x 34 | Stud           | 50        | 15                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



## Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Superior adhesion - prevents false alarms
- Comfortable foam backing - is easy to use
- Unique offset connector - prevents artifacts from disrupting the readouts
- High quality Ag/AgCl sensor - ensures excellent trace quality



### BlueSensor P

#### Ordering Information

| Item No.  | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|-----------|-----------|----------------|-----------|------------------------|
| P-00-S/12 | 40.8 x 34 | Stud           | 12        | 15                     |
| P-00-S/50 | 40.8 x 34 | Stud           | 50        | 15                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



## Features and Benefits:

- Highly conductive solid gel - ensures reliable recordings
- Ergonomic teardrop shape - fits most patients
- Strong and secure adhesion - prevents false alarms
- Comfortable foam backing - is easy to use
- Available in various packaging configurations
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures \* RT only



### WhiteSensor WS

#### Ordering Information

| Item No.      | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|---------------|-----------|----------------|-----------|------------------------|
| WS-00-S/50    | 36 x 40   | Stud           | 50        | 30                     |
| WS-00-S/L5-50 | 36 x 40   | Stud           | 50        | 30                     |
| WS-00-S/3     | 36 x 40   | Stud           | 3         | 30                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



### WhiteSensor WS/RT

#### Ordering Information

| Item No.      | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|---------------|-----------|----------------|-----------|------------------------|
| WS-00-S/RT/50 | 36 x 40   | Stud           | 50        | 24                     |

Item No. Code Guide: PC-50-A  
PC=Product code - 50=Wire length - A=Connector type



## Features and Benefits:

- Bio-Tack™ sticky gel - ensures reliable recordings
- Comfortable foam backing - is easy to use
- Ergonomic leaf shape - is comfortable for patients
- Size - Can be used on adults and children
- Convenient presentation of 3 pieces/strip - for fast application



### WhiteSensor 4831Q

#### Ordering Information

| Item No. | Size (mm) | Connector type | Pack size | Shelf life (in months) |
|----------|-----------|----------------|-----------|------------------------|
| 4831Q    | 37 x 37   | Stud           | 60        | 20                     |



## Ambu® Res-Cue Mask



The Ambu Res-Cue Mask is designed to provide mouth-to-mask ventilation.

As a physical barrier between the rescuer and the patient Ambu Res-Cue mask is used to give protected rescue breathing for any patient (any age group) and may also be used with a resuscitator.

The Ambu Res-Cue Mask helps protect rescuers in an emergency situation. It prevents direct contact with patient's mouth, nose and face and helps to overcome hesitation to start resuscitation.

### Features and Benefits:

- Transparent dome allows rescuer to visually check for patient's lip colour and vomitus
- Oxygen inlet (optional) facilitates increased oxygen delivery to patient
- Made of durable plastics for easy cleaning and long product life
- Private labeling available, minimum order quantity 1000 units
- Available in hardcase, softcase or plastic bag
- Phthalate-free material

### Ambu Res-Cue Mask

#### Product Specification

| Product item no. | Description   | Dimensions         | Weight | Materials  |
|------------------|---|--------------------|--------|--|
| 000 252 225      | Ambu Res-Cue Mask with O <sub>2</sub> inlet, in red hard case | 13.8 x 11 x 4.8 cm | 112 g  | Mask:<br>Polyvinylchloride<br>Hardcase:<br>Polypropylene |

## Ambu® LifeKey



The Ambu LifeKey is a proven, easy to use, and inexpensive barrier with a one-way valve that prevents direct contact with patient's mouth, nose and face.

The Ambu LifeKey helps protect rescuer and increases bystanders' motivation for CPR in emergency situations.

Standard resuscitation techniques can be used without modification.

Comes with Ambu logo or as private labelling. Available in hardcase, softcase or plastic bag.

### Features and Benefits:

- Semi-transparent face shield and one-way valve allowing rescuer to visually check for patient's lip colour and vomitus
- Prevents contact with patient's saliva or blood
- Suitable for both adults and children
- Elastic ear bands fit over patient's ears to keep the mask in place
- Can be carried on a key chain, in a pocket, a small handbag and a first-aid kit
- Private labeling available, minimum order quantity 1000 units

### Ambu LifeKey Mask

#### Product Specification

| Product item no. | Description  | Dimensions     | Weight           | Materials                                   |
|------------------|--|----------------|------------------|---|
| 248 204 102      | Holster Pack containing LifeKey, one set of gloves and alcohol pad |                |                  |   |
| 248 210 001      | Refill, set of 25 masks in a plastic bag                           |                |                  |   |
| 248 206 102      | LifeKey in Softcase with Ambu logo - Black                         | 5 x 5 x 1.5 cm | Approximate 10 g | Mask:<br>Polyethylene<br>Softcase:<br>Nylon |
| 248 206 103      | LifeKey in Softcase with Ambu logo - Blue                          |                |                  |   |
| 248 206 104      | LifeKey in Softcase with Ambu logo - Red                           |                |                  |   |
| 248 206 105      | LifeKey in Softcase with Ambu logo - Yellow                        |                |                  |   |
| 248 206 106      | LifeKey in Softcase with Ambu logo - Green                         |                |                  |   |
| 248 206 108      | LifeKey in Softcase with Ambu logo - Orange                        |                |                  |   |

# King Vision® aBlade

King Vision® aBlade has been designed with the intention to make a revolutionary series of high performance portable video laryngoscopes. The King Vision® aBlade combines the convenience of a durable reusable, video display with a disposable blade at a price that's affordable for all of your intubations, difficult and routine.

The King Vision® aBlade is ergonomically designed to provide minimal lifting of soft tissue and impact on teeth.



## Portable

The King Vision® aBlade is light weight, self-contained, battery operated and water resistant. The King Vision® aBlade can be used continuously for more than 1 hour making it highly portable. Blades are individually packaged. Each blade is disposable, eliminating concerns on cross contamination.



## Affordable

Disposable blades allow economical use of the King Vision® aBlade video laryngoscope for all intubations. With the King Vision® aBlade you can improve patient care by having high performance visualisation capabilities for every intubation, at an affordable price.



## Durable

Designed to be your primary tool for all intubations. Video output capability is compatible with external monitors and recording devices.

The robust, full-colour, non-glare display can resist repeated cleaning and normal use wear and tear.

# King Vision® aBlade System

## Features and Benefits:

- Advanced imaging technology and unparalleled ergonomic design. Visionary performance in the palm of your hand.
- Unique flexibility from the choice of two blade types - standard and channeled - depending on the user technique and complexity of the airway. Choose what is right for you and your patient.
- King Vision® aBlade is designed to visualise the vocal cords indirectly which can help minimise the need for tissue manipulation and improve the ability to see anterior airways



# King Vision® aBlade System

The King Vision® aBlade System comprises of a reusable screen, which is directly connected to either a disposable standard blade or disposable channeled blade, whichever suits your requirements best.

# King Vision® aBlade System

## Product Specification

| Product item no. | Description   | Quantity |
|------------------|---|----------|
| KVISo1           | King Vision® Display  | 1/CS     |
| KVLAB3           | Standard aBlade, Size 3   | 20/CS    |
| KVLAB3C          | Channeled aBlade, Size 3  | 20/CS    |
| KVLA34           | aBlade Video Adapter 3-4  | 1/CS     |
| KVLABKIT3        | 1 Vision Display, 1 Video Adapter, Case, AAA Batteries, 4 Channeled and 2 Standard aBlade | 1/CS     |
| KVISo1VA34       | 1 Display and 1 Video Adapter 3-4 in aBlade Case  | 1/CS     |
| KVISo1ADCASE     | aBlade case   | 1/CS     |
| KVCABL           | Custom Video-out Cable (2.75 m / 9')  | 1/CS     |

# Environmental Policy

Ambu strives to minimise negative environmental impact - Preserving the environment is important to Ambu.

As a global company Ambu has an impact on the global environment. Our long-term responsibility is to reduce our environmental impact in everything we do.

Ambu has no emission from our manufacturing processes either to air, water or ground. Our waste is separated into different materials and recycled either in our own processes or sent for reuse at recycling centres.

Our policy for the environment applies to everyone, anywhere and everything at Ambu. The policy addresses the environmental impact in all aspects of our business. Through the policy we continuously seek to reduce the impact on the environment by optimising in the following areas:

- Administration/IT: Energy consumption, paper use, travel
- Product Development: Selection of material, material use, design for disposal
- Production: Material use, energy consumption, water use, emissions, waste
- Logistics/Distribution: Emissions, transportation, lead time
- Sales and Marketing: Reduction of printed material
- Suppliers/Vendors: Selecting green suppliers wherever possible

The management ensure that the employees are skilled, trained and motivated to carry out their jobs in an environmentally responsible way

Ambu communicates openly with the staff and with the local communities about the environmental situation of the company and strives to obtain the best co-operation with authorities.

## Suppliers

We select our suppliers based on multiple criteria. Important parameters include environmental and business ethics and human rights behaviour.

Our suppliers must be in compliance with and able to sign the Ambu "Code of Conduct" document.

## Supplier audits

All strategic suppliers shall be visited during the selection process. Supplier audits can be triggered by, for instance, contract renewals.







# Ambu<sup>®</sup>

## Product Brochure

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**Ambu**   
Ideas that work for life