Ambu® BlueSensor Q

ECG Electrode - Single use



Key Benefits

- Highly conductive wet gel
- Superior adhesion
- · Large measuring area
- Occlusive backing material
- · Unique offset connector
- · High-quality Ag/AgCl sensor
- · Available with preattached lead wire

Ambu® BlueSensor Q

The medium-size Ambu BlueSensor Q features highly conductive wet gel, offset connector, superior adhesion, and a large measuring area to ensure optimal signal quality during monitoring applications. Thanks to the special occlusive backing material, the electrode is resistant to liquids. The Q is also available with a pre-attached lead wire.







backing





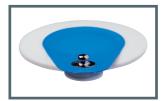
Specifications

| Dimensions | | | |
|----------------------------------------------------|------------------------|--|--|
| Electrode size* (max. L x W or diameter in mm) | 53.2 x 40/40 | | |
| Skin contact size (max. L x W or diameter in mm) | 40 | | |
| Adhesive area (in mm²) | 1002 | | |
| Height excluding connector/wire (in mm) | 1 | | |
| Sensor | | | |
| Sensor material | Silver/silver chloride | | |
| Gel system | Wet gel | | |
| Sensor area (in mm²) | 20.8/22.4 | | |
| Gel area (in mm²) | 254 | | |
| Electrical data (ANSI/AAMI) | | | |
| AC impedance - typical | 500 Ω | | |
| DC offset voltage - typical | 0.2 mV | | |
| Defibrillation overload recovery - typical | 8.1 mV | | |
| Rate of change of polarization potential - typical | o.2 mV/s | | |
| Combined offset instability and internal noise | <15µV | | |
| Bias current tolerance (over 8 hours) | <5 mV | | |

| Environment | | |
|----------------------------------------------|-----------|--|
| PVC-free electrode | No | |
| Electrode not made with natural rubber latex | | |
| PVC-free lead wire | No | |
| Wire not made with natural rubber latex | | |
| PVC-free packaging | Yes | |
| X-Ray & MRI | | |
| Radiolucent | No | |
| MR Conditional | No | |
| Shelf life | | |
| Opened pouches | 1 month | |
| Unopened pouches** | 24 months | |
| | | |

*non-wire/wire
**from date of production

Connectors



S = Stud



A = 4 mm fitting



A = 4 mm connector



F = 3 mm connector



K = 1.5 mm connector

Materials

| Electrode | | |
|-------------------------|-----------------------------------------|--|
| Bio-compatible | Yes | |
| Sensor | Silver/silver chloride (Ag/AgCl) | |
| Sponge | Polyurethane foam (PUR) | |
| Outer carrier | Polyvinyl chloride film (PVC) | |
| Outer adhesive | Acrylate | |
| Inner carrier (if any) | - | |
| Inner adhesive (if any) | - | |
| Upper part | Polyvinyl chloride film (PVC) | |
| Fitting | Polypropylene (PP) | |
| Connector (stud) | Nickel-plated brass | |
| Lead wire core | Copper | |
| Lead wire insulation | Polyvinyl chloride (PVC) | |
| Lead wire connector | Brass/polypropylene (PP) | |
| Liner | Polyester/polyethylene film (PET/PE) | |

| Pouches, inner layer | Polyethylene (PE) | |
|-----------------------|-------------------|--|
| Pouches, centre layer | Aluminium (AI) | |
| Pouches, outer layer | Polyester (PET) | |
| Boxes | Cardboard | |
| Standard Packaging | | |
| Quantity/liner | 1 | |
| Quantity/pouch | 10, 25 | |
| Quantity/box | 500/1000 | |
| Minimum sales | 1000 | |
| | | |
| Options | | |

| | · · |
|----------------------|---------|
| Options | |
| Connectors | S, A |
| Pre-wired | Yes |
| Pre-wired connectors | A, F, K |
| Precaution | |
| Single use only | |

Available configurations*

| Quantity/pouch | 10 | 25 |
|----------------|------------------------------|----------|
| | Quantity per inner/outer box | |
| Q-00-S, A | | 500/1000 |
| Q-10-A,F | | 500/1000 |
| Q-50-K | | 500/1000 |
| Q-100-K | 500/1000 | |

Packaging

Product

Wire length

Connector

 \star some configurations may not be available worldwide

Ambu A/S

Q-00-S

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