

Ambu[®] BlueSensor BR

ECG Electrode - Single use



Key Benefits

- Skin-friendly solid gel
- Soft cloth backing material
- Medium size
- Radiolucent
- Special shape for improved adhesion

Ambu[®] BlueSensor BR

The radiolucent Ambu BlueSensor BR features a skin-friendly solid gel that provides optimal signal quality in a wide range of applications and allows the electrode to be repositioned if necessary.

Thanks to the soft material the electrode remains comfortable to wear over long periods. The BR is only available with preattached lead wires (colour-coding optional).



Solid gel



Cloth backing



Radiolucent

Specifications

Dimensions	
Electrode size (W x L in mm)	28 x 20
Skin contact size (W x L in mm)	28 x 20
Adhesive area (in mm ²)	503
Thickness excluding connector/wire (in mm)	1
Sensor	
Sensor material	Silver/silver chloride
Gel system	Solid gel
Sensor area (in mm ²)	503
Gel area/measuring area (in mm ²)	503
Electrical data	
AC impedance - typical	350 Ω
DC offset voltage - typical	0.6 mV
Defibrillation overload recovery - typical	13.6 mV
Rate of change of polarization potential	0.5 mV/s
Combined offset instability and internal noise	<90 μV
Bias current tolerance (over 8 hours)	<30 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	Yes
MR Conditional	No
Shelf life	
In opened pouches	1 month
Unopened pouches*	18 months

*from date of production

Connectors



A = 4 mm connector



K = 1.5 mm connector



F = 3 mm connector

Materials

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	-
Outer carrier	Carbon-filled polyvinyl chloride
Outer adhesive	Solid gel
Inner carrier (if any)	-
Inner adhesive (if any)	-
Upper part	Non-woven polyester cloth
Fitting	-
Connector (stud)	-
Lead wire core	Carbon
Lead wire insulation	Polyvinyl chloride (PVC)
Lead wire connector	Brass/polypropylene (PP)
Liner	Siliconized polyester film

Packaging	
Pouches, inner layer	Polyethylene (PE)
Pouches, centre layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard

Standard Packaging	
Quantity/liner	3, 4
Quantity/pouch	3, 4, 6, 12
Quantity/box	600/1200
Minimum sales	600/1200

Precaution	
Single use only	

Options	
Connectors	-
Pre-wired	Yes
Pre-wired connectors	A, F, K

Available configurations*

Quantity/pouch	3	4	6	12	Colour coding
	Quantity per inner/outer box				
BR-50-A, K				600/1200	
BR-50-K	600/1200			600/1200	EU, US
BR-80-A, K				600/1200	
BR-100-F		600/1200	600/1200		C ₄ , C ₆
BR-100-K	600/1200	600/1200	600/1200	600/1200	C ₃ , C ₄ , C ₆
BR-170-K		600/1200	600/1200		C ₄ , C ₆

- Product
- BR-50-A Wire length
- Connector

*some configurations may not be available worldwide.

** Coloured lead wires

EU: black, red, yellow

US: black, green, white

C₃: red, yellow, green

C₄: red, yellow, green, black

C₆: red, yellow, green, brown, black, purple

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