

Ambu® BlueSensor BRS

ECG Electrode - Single use



Key Benefits

- Skin-friendly solid gel
- Soft cloth backing material
- Small size ideal for neonatal patients
- Radiolucent
- Special shape for improved adhesion

Ambu® BlueSensor BRS

The tiny radiolucent Ambu BlueSensor BRS has been specially developed for babies and newborns. The electrode features a skin-friendly solid gel that ensures optimal signal quality monitoring.

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



Solid gel



Cloth backing



Radiolucent

BlueSensor

Ambu
Ideas that work for life

Specifications

Dimensions	
Electrode size (L x W in mm)	16 x 19
Skin contact size (L x W in mm)	16 x 19
Adhesive area (in mm ²)	269
Height excluding connector/wire (in mm)	1
Sensor	
Sensor material	Silver/silver chloride
Gel system	Solid gel
Sensor area (in mm ²)	269
Gel area/measuring area (in mm ²)	269
Electrical data (ANSI/AAMI)	
AC impedance - typical	600 Ω
DC offset voltage - typical	0.6 mV
Defibrillation overload recovery - typical	14.3 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

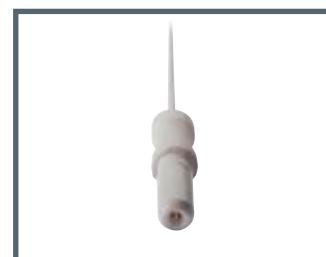
Environment	
PVC-free electrode	No
Electrode not made with natural rubber latex	
PVC-free lead wire	No
Wire not made with natural rubber latex	
PVC-free packaging	Yes
X-Ray & MRI	
Radiolucent	Yes
MR Conditional	No
Shelf life	
Opened pouches	1 month
Unopened pouches*	18 months

*from date of production

Connectors



A = 4 mm connector



K = 1.5 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
Quantity/pouch	3, 12
Quantity/box	600/1200
Minimum sales	1200

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

Precaution	
Single use only	

Available configurations*

Quantity/pouch	3	12	Colour coding
		Quantity per inner/outer box	
BRS-50-A, K		600/1200	
BRS-50-K/EU	600/1200	600/1200	EU
BRS-50-K	600/1200		US, C ₃

- Product
- BRS-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

Ambu A/S
 Baltorpbakken 13
 DK - 2750 Ballerup
 Denmark
 Tel. +45 7225 2000
 Fax +45 7225 2053
 www.ambu.com

CE US: Rx only