

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 application.

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

BlueSensor

Ambu
Ideas that work for life

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		C4, C6
BR-100-K	600/1200	600/1200	600/1200	600/1200	C3, C4, C6
BR-170-K		600/1200	600/1200		C4, C6

- Product
- 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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