

Ambu® BlueSensor R



Key Benefits

- Highly conductive wet gel
- Superior adhesion
- Comfortable foam backing
- Large measuring area
- Unique offset connector
- High-quality Ag/AgCl sensor

Ambu® BlueSensor R

The large Ambu BlueSensor R features highly conductive wet gel, offset connector, superior adhesion, and a large measuring area to ensure an optimal signal during stress tests and medium- to long-term applications. Thanks to the comfortable foam backing, the electrode is easy to use and gentle to the skin.



Wet gel



Foam backing



Pure silver sensor
(Ag/AgCl)

Specifications

Dimensions	
Electrode size (max. L x W or diameter in mm)	57 x 48
Skin contact size (max. L x W or diameter in mm)	48
Adhesive area (in mm ²)	1555
Height excluding connector/wire (in mm)	2
Sensor	
Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Sensor area (in mm ²)	20,5
Gel area/measuring area (in mm ²)	254
Electrical data (ANSI/AAMI)	
AC impedance - typical	500 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	10.3 mV
Rate of change of polarization potential - typical	0.2 mV/s
Combined offset instability and internal noise	<15 μV
Bias current tolerance (over 8 hours)	<5 mV

Environment	
PVC-free electrode	No
Latex-free electrode	Yes
PVC-free lead wire	-
Latex-free lead wire	-
PVC-free packaging	Yes
X-Ray & MRI	
Radiolucent	No
MR Conditional	No
Lifetime	
Opened pouches	1 month
Unopened pouches*	24 months

*from date of production

Connectors



S = Stud



A = 4 mm fitting

Materials

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam (PUR)
Outer carrier	Polyvinyl chloride foam (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	-
Lead wire insulation	-
Lead wire connector	-
Liner	Polyester/polyethylene film (PET/PE)

Packaging	
Pouches, inner layer	Polyethylene (PE)
Pouches, centre layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard
Standard Packaging	
Quantity/liner	1
Quantity/pouch	3, 4, 5, 7, 10, 25
Quantity/box	252/504, 504/1008, 500/1000
Minimum sales	504, 1000, 1008

Options	
Connectors	S, A
Pre-wired	-
Pre-wired connectors	-
Precaution	
Single use only	

Available configurations*

Quantity/pouch	3	4	5	7	10	25
Quantity per inner/outer box						
R-00-S	252/504	500/1000	500/1000	504/1008	500/1000	500/1000
R-00-A						500/1000

- Product
- Wire length
- Connector

*some configurations may not be available worldwide

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