

Ambu[®] BlueSensor QR

ECG Electrode - Single use



Key Benefits

- Highly conductive wet gel
- Superior adhesion
- Large measuring area
- Occlusive backing material
- High-quality Ag/AgCl sensor
- Radiolucent

Ambu[®] BlueSensor QR

The medium-size, radiolucent Ambu BlueSensor QR features highly conductive wet gel, 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 QR is only available with pre-attached lead wires.



Wet gel



Polymer backing



Radiolucent

BlueSensor

Ambu
Ideas that work for life

Specifications

Dimensions	
Electrode size (max. L x W or diameter in mm)	40
Skin contact size (max. L x W or diameter in mm)	40
Adhesive area (in mm ²)	1002
Height excluding connector/wire (in mm)	1
Sensor	
Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area (in mm ²)	63.6
Gel area (in mm ²)	254
Electrical data (ANSI/AAMI)	
AC impedance - typical	2000 Ω
DC offset voltage - typical	0.5 mV
Defibrillation overload recovery - typical	17.5 mV
Rate of change of polarization potential - typical	0.3 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*	24 months

*from date of production

Connectors



A = 4 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	-
Connector (stud)	-
Lead wire core	Carbon
Lead wire insulation	Polyvinyl chloride (PVC)
Lead wire connector	Brass/polypropylene (PP)
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	10
Quantity/box	500/1000
Minimum sales	1000

Options	
Connectors	-
Pre-wired	Yes
Pre-wired connectors	A
Precaution	
Single use only	

Available configurations*

Quantity/pouch	10
	Quantity per inner/outer box
QR-50-A	500/1000
QR-80-A	500/1000

- Product
- QR-50-A Wire length
- Connector

*some configurations may not be available worldwide

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