DATASHEET

The medium-sized, radiolucent Ambu BlueSensor QR features conductive wet gel, suitable adhesion and a large measuring area, which ensures stable signal quality throughout the monitoring period.

Because the QR electrode is radiolucent, there is no need for removal and subsequent replacement of electrodes during X-ray procedures.

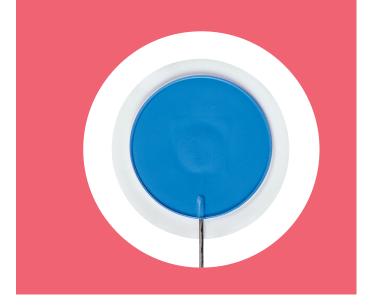
Thanks to the special occlusive backing material, the electrode is resistant to liquids.

Key benefits

- Conductive wet gel lowers skin impedance effectively and immediately
- Adhesive is suitable for short-term application
- Occlusive backing material is resistant to fluids
- Ag/AgCl sensor ensures stable signal quality
- Radiolucency allows the electrode to remain on the patient during X-ray procedures

Ambu® BlueSensor QR

ECG Electrode Single use





Wet gel



Polymer backing



Silver sensor



Radiolucent



Occlusive backing





SPECIFICATIONS

Dimensions			
Electrode size (diameter in mm)	40		
Skin contact size (diameter in mm)	40		
Adhesive area (in mm²)	1002		
Sensor			
Sensor material	Silver/silver chloride (Ag/AgCl)		
Gel system	Wet gel		
Gel area (in mm²)	254		
Electrical data (ANSI/AAMI)			
AC impedance - typical	1660 Ω		
DC offset voltage - typical	11.8 mV		
Defibrillation overload recovery - typical	18.28 mV		
Rate of change of polarization potential - typical	- 0.18 mV/s		
Combined offset instability and internal noise	25.8 μV		
Bias current tolerance (over 8 hours)	19.4 mV		

Environment				
Electrode is not made with natural rubber latex				
Wire is not made with natural rubber latex				
Packaging is PVC-free				
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
Sponge	Polyurethane foam (PUR)
Backing material	Polyvinyl chloride film (PVC)
Skin adhesive	Acrylate
Lead wire core	Carbon
Lead wire insulation	Polyvinyl chloride (PVC)
Lead wire connector	Brass/polypropylene (PP)
Release liner	Polyester/polyethylene film (PET/PE)

Packaging	
Pouch (outer/ middle/inner layers)	Polyester/ Aluminium/ Polyethylene
Boxes	Cardboard
Options	
Pre-wired connectors	Α
Precaution	
Single use only	

AVAILABLE CONFIGURATIONS*

Reference number	Units/liner	Units/pouch	Units/in	ner box Units/	outer box
QR-50-A/10	1	10	500	1000	
QR-80-A/10	1	10	500	1000	
		QR-50-A	■ Product	■ Wire length	■ Connector

*some configurations may not be available worldwide.

Ambu

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