

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 mm ²)	1002

Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area (in mm ²)	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

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)

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

Packaging

Pouch (outer/middle/inner layers)	Polyester/Aluminium/Polyethylene
Boxes	Cardboard

Options

Pre-wired connectors	A
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Precaution

Single use only

AVAILABLE CONFIGURATIONS*

Reference number	Units/liner	Units/pouch	Units/inner 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.

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