

DATASHEET

The medium-sized Ambu BlueSensor Q features conductive wet gel, offset connector, and suitable adhesion to ensure good and stable signal quality during short-term applications. Thanks to the occlusive backing material, the electrode is resistant to liquids.

Key benefits

- Offset connector mitigates the impact on signal quality from external forces like pulling of lead wires and pressure on electrodes
- Offset connector allows the user to connect and disconnect the lead wire without applying pressure to the patient or the sensor area, which reduces the risk of gel spreading and adhesive detachment from skin
- Conductive wet gel lowers skin impedance effectively and immediately
- Wet gel optimizes contact between skin and electrode
- Adhesive is suitable for short-term application
- Occlusive backing material is resistant to fluids
- Ag/AgCl sensor ensures stable signal quality
- Visible release liner can help prevent medical accidents for both users and patients
- Also available with preattached lead wire

Ambu® BlueSensor Q

ECG Electrode
Single use



Wet gel



Polymer backing



Silver sensor



Occlusive backing

SPECIFICATIONS

Dimensions

Electrode size (length x width in mm)	53 x 40 (non-wired) 40 x 40 (pre-wired)
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	710 Ω
DC offset voltage - typical	2.9 mV
Defibrillation overload recovery - typical	10.05 mV
Rate of change of polarization potential - typical	-0.18 mV/s
Combined offset instability and internal noise	10.4 μV
Bias current tolerance (over 8 hours)	4.5 mV

MATERIALS

Electrode

Bio-compatible	Yes
Sponge	Polyurethane foam (PUR)
Backing material	Polyvinyl chloride film (PVC)
Skin adhesive	Acrylate
A connector, non-wire	Polypropylene (PP)
S connector (stud)	Nickel-plated brass
Release liner	Polyethylene film (PE)/Amorphous Polyethylene Terephthalate (APET)

AVAILABLE CONFIGURATIONS*

Reference number	Units/liner	Units/pouch	Units/inner box	Units/outer box
Q-00-A	1	25	500	1000
Q-00-S	1	25	500	1000

Q-00-S ■ Product ■ Wire length ■ Connector

*some configurations may not be available worldwide

Environment

Electrode is not made with natural rubber latex

Packaging is PVC-free

X-ray & MRI

Radiolucent No

MR Conditional No

Shelf life

Opened pouches 1 month

Unopened pouches, non-wired* 24* months

*from date of production

Packaging

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

Boxes Cardboard

Options

Non-wired connectors S, A

Precaution

Single use only

CONNECTORS



S = Stud



A = 4 mm fitting

FEATURES



Printed release liner

Ambu

■ Ambu A/S

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