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









Polymer backing



Silver sensor



Occlusive backing



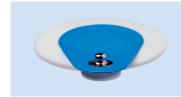


Dimensions		
Electrode size (length x width in mm)	53 x 40 (non-wired) 40 x 40 (pre-wired)	
Skin contact size (diameter in mm)	40	
Adhesive area (in mm²)	1002	
Sensor		
Sensor material	Silver/silver chloride (Ag/AgCl)	
Gel system	Wet gel	
Gel area (in mm²)	254	
Electrical data (ANSI/AAMI)		
AC impedance - typical	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	

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

CONNECTORS



S = Stud



A = 4 mm fitting

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)

Packaging	
Pouch (outer/middle/inner layers)	Polyester/ Aluminium/ Polyethylene
Boxes	Cardboard
Options	
Non-wired connectors	S, A
Precaution	
Single use only	

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FEATURES



Printed release liner

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 ■ F	Product Wire l	enath ■ Connector

*some configurations may not be available worldwide

Ambu

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