#### **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 optimises 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





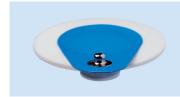
### **SPECIFICATIONS**

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 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 polarisation potential - typica	I -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				
Wire is not made with na rubber latex	atural			
Packaging is PVC-free				
X-ray & MRI				
Radiolucent	No			
MR Conditional	No			
Shelf life				
Opened pouches	1 month			
Unopened pouches, non-wired*	12 months			
Unopened pouches, pre-wired*	24 months			

\*from date of production

### **CONNECTORS**



S = Stud



A = 4 mm fitting



A = 4 mm connector



F = 3 mm connector



K = 1.5 mm connector



■ Connector



Printed release liner

### **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
Lead wire core	Copper
Lead wire insulation	Polyvinyl chloride (PVC)
Lead wire connector	Brass/polypropylene (PP)
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	
Pre-wired connectors	A, F, K	
Precaution		
Single use only		

#### **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-10-A	1	25	500	1000
Q-10-F	1	25	500	1000
Q-50-K	1	25	500	1000
Q-100-K	1	10	500	1000

Q-00-S ■ Product

■ Wire length \*some configurations may not be available worldwide



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