

# Ambu® BlueSensor Q

ECG Electrode - Single use



Actual Size

## Key Benefits

- Highly conductive wet gel
- Superior adhesion
- Large measuring area
- Occlusive backing material
- Unique offset connector
- High-quality Ag/AgCl sensor
- Available with preattached lead wire

## Ambu® BlueSensor Q

The Ambu BlueSensor Q features highly conductive wet gel, offset connector, superior adhesion, and a large measuring area to ensure optimal signal quality during medium-term applications. Thanks to the special occlusive backing material, the electrode is resistant to liquids. The Q is also available with a pre-attached lead wire.



Wet gel



Polymer backing

**BlueSensor**

**Ambu**  
Ideas that work for life

## Specifications

Dimensions	
Electrode size* (max. L x W or diameter in mm)	53.2 x 40/40
Skin contact size (max. L x W or diameter in mm)	40
Adhesive area (in mm <sup>2</sup> )	1002
Height excluding connector/wire (in mm)	1
Sensor	
Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area (in mm <sup>2</sup> )	20.8/22.4
Gel area (in mm <sup>2</sup> )	254
Electrical data (ANSI/AAMI)	
AC impedance - typical	500 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	8.1 mV
Rate of change of polarization potential - typical	0.2 mV/s
Combined offset instability and internal noise	<15μV
Bias current tolerance (over 8 hours)	<5 mV

Environment	
PVC-free electrode	No
Electrode not made with natural rubber latex	
PVC-free lead wire	No
Wire not made with natural rubber latex	
PVC-free packaging	Yes
X-Ray & MRI	
Radiolucent	No
MR Conditional	No
Shelf life	
Opened pouches	1 month
Unopened pouches**	24 months

\*non-wire/wire  
\*\*from date of production

## Materials

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam (PUR)
Outer carrier	Polyvinyl chloride film (PVC)
Outer adhesive	Acrylate
Inner carrier (if any)	-
Inner adhesive (if any)	-
Upper part	Polyvinyl chloride film (PVC)
Fitting	Polypropylene (PP)
Connector (stud)	Nickel-plated brass
Lead wire core	Copper
Lead wire insulation	Polyvinyl chloride (PVC)
Lead wire connector	Brass/polypropylene (PP)
Liner	Polyester/polyethylene film (PET/PE)

Packaging	
Pouches, inner layer	Polyethylene (PE)
Pouches, centre layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard
Standard Packaging	
Quantity/liner	1
Quantity/pouch	10, 25
Quantity/box	500/1000

Options	
Connectors	S, A
Pre-wired	Yes
Pre-wired connectors	A, F, K
Precaution	
Single use only	

## Available configurations\*

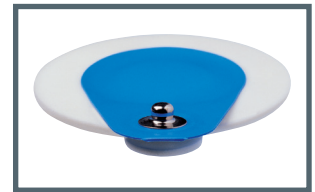
Quantity/pouch	10	25
	Quantity per inner/outer box	
Q-00-S, A		500/1000
Q-10-A,F		500/1000
Q-50-K		500/1000
Q-100-K	500/1000	

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

\*some configurations may not be available worldwide

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## Connectors



S = Stud



A = 4 mm fitting



A = 4 mm connector



F = 3 mm connector



K = 1.5 mm connector