

## DATASHEET

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The medium-sized Ambu BlueSensor SP ECG Electrode features conductive wet gel, offset connector and suitable adhesion to ensure stable signal quality during stress test and short-term monitoring. Thanks to the adhesive, the electrode is gentle to the skin.

### 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 gentle to the skin and suitable for short-term application
- Ag/AgCl sensor ensures stable signal quality
- Visible release liner can help prevent medical accidents for both users and patients

# Ambu® BlueSensor SP

ECG Electrode

Single use



Wet gel



Foam  
backing



Silver  
sensor

**BlueSensor**

**Ambu**

## SPECIFICATIONS

### Dimensions

Electrode size (length x width in mm)	42 x 38
Skin contact size (diameter in mm)	38
Adhesive area (in mm <sup>2</sup> )	980

### Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area/measuring area (in mm <sup>2</sup> )	154

### Electrical Data (ANSI/AAMI)

AC impedance - typical	770 Ω
DC offset voltage - typical	3.9 mV
Defibrillation overload recovery - typical	11.47 mV
Rate of change of polarisation potential - typical	-0.2 mV/s
Combined offset instability and internal noise	8.6 μV
Bias current tolerance (over 8 hours)	6.3 mV

## MATERIALS

### Electrode

Bio-compatible	Yes
Sponge	Polyurethane foam (PUR)
Backing material	Polyvinyl chloride foam (PVC)
Skin adhesive	Acrylate
Upper part	Polyvinyl chloride film (PVC)
A connector fitting	Polypropylene (PP)
S connector (stud)	Stainless steel
Release liner	Polyethylene film (PE)/Amorphous Polyethylene Terephthalate (APET)

## AVAILABLE CONFIGURATIONS

Product Code	Units/liner	Units/pouch	Units/inner box	Units/outer box
SP-00-S/4	1	4	500	1000
SP-00-S/10	1	10	1000	2000
SP-00-A/50	1	50	1000	2000
SP-00-S/50	1	50	1000	2000

00-S ■ Product ■ Wire length ■ Connector

# Ambu

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Always read the Instructions for Use. These products are only available for sale to healthcare professionals.



Technical data may be modified without further notice. TCC 11330

## CONNECTORS



S = Stud



A = 4 mm fitting

## FEATURES



Printed release liner

### 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*	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