

DATASHEET

The medium-sized Ambu BlueSensor SP 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

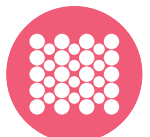
- Offset connector mitigates the impact on signal quality from external forces like pulling of lead wires and pressure on electrodes
- Offset connector allows the user to connect and disconnect the lead wire without applying pressure to the patient or the sensor area, which reduces the risk of gel spreading and adhesive detachment from skin
- Conductive wet gel lowers skin impedance effectively and immediately
- Wet gel optimizes 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 ²)	980

Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area/measuring area (in mm ²)	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 polarization 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*

Reference number	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

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

*some configurations may not be available worldwide

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

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