

Ambu[®] BlueSensor SP



Key Benefits

- Highly conductive wet gel
- Superior adhesion
- Comfortable foam backing
- Unique offset connector
- High-quality Ag/AgCl sensor

Ambu[®] BlueSensor SP

The medium-size Ambu BlueSensor SP features highly conductive wet gel, offset connector and superior adhesion to ensure optimal signal quality during stress test and medium-term monitoring. Thanks to the comfortable foam backing material, the electrode is easy to use and gentle to the skin.



Wet gel



Foam backing



Pure silver sensor
(Ag/AgCl)

Specifications

Dimensions	
Electrode size (max. L x W or diameter in mm)	42.5 x 38
Skin contact size (max. L x W or diameter in mm)	38
Adhesive area (in mm ²)	980
Height excluding connector/wire (in mm)	1.6
Sensor	
Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Sensor area (in mm ²)	10
Gel area/measuring area (in mm ²)	154
Electrical data (ANSI/AAMI)	
AC impedance - typical	700 Ω
DC offset voltage - typical	0.4 mV
Defibrillation overload recovery - typical	11.1 mV
Rate of change of polarization potential - typical	0.2 mV/s
Combined offset instability and internal noise	<15 μV
Bias current tolerance (over 8 hours)	<5 mV

Environment	
PVC-free electrode	No
Latex-free electrode	Yes
PVC-free lead wire	-
Latex-free lead wire	-
PVC-free packaging	Yes
X-ray & MRI	
Radiolucent	No
MR Conditional	No
Lifetime	
Opened pouches	1 month
Unopened pouches*	24 months

*from date of production



S = Stud



A = 4 mm fitting

Materials

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam (PUR)
Outer carrier	Polyvinyl chloride foam (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	-
Lead wire insulation	-
Lead wire connector	-
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	4, 10, 50
Quantity/box	500/1000, 1000/2000
Minimum sales	1000, 2000

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

Available configurations*

Quantity/pouch	4	10	50
	Quantity per inner/outer box		
SP-00-S	500/1000	1000/2000	1000/2000
SP-00-A			1000/2000

*some configurations may not be available worldwide

- Product
- Wire length
- Connector

Ambu A/S
 Baltorpbakken 13
 DK - 2750 Ballerup
 Denmark
 Tel. +45 7225 2000
 Fax +45 7225 2053
 www.ambu.com