

# Ambu<sup>®</sup> BlueSensor SP

ECG Electrode - Single use



## Key Benefits

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

## Ambu<sup>®</sup> 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 monitoring. Thanks to the comfortable foam backing material, the electrode is easy to use and gentle to the skin.



Wet gel



Foam backing

**BlueSensor**

**Ambu**  
Ideas that work for life

# 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 <sup>2</sup> )	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 <sup>2</sup> )	10
Gel area/measuring area (in mm <sup>2</sup> )	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
Electrode not made with natural rubber latex	
PVC-free lead wire	-
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

\*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