

Blue Sensor SP



The Blue Sensor SP features highly conductive wet gel and superior adhesion to ensure optimal signal quality during medium-term applications. Thanks to the comfortable foam backing material, the electrode is gentle to the skin.

Key features

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

Dimensions:

Electrode size [L x W max or diameter in mm]	42.5 x 38
Skin contact size [L x W max or diameter in mm]	38
Adhesive area [in mm ²]	980
Height excl. connector/wire [in mm]	1.6

Electrical data (ANSI/AAMI):

AC impedance - typical	400 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	7.8 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

Sensor:

Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area [in mm ²]	13.2
Gel area/measuring area [in mm ²]	154

X-ray & MRI:

X-ray translucent	no
MRI safe	no

Lifetime:

Recommended application time (max)	18 hours
In opened pouches	1 month
Unopened pouches*	15 months

*from date of production

Environment:

PVC free electrode	no
Latex free electrode	yes
PVC free lead wire	-
Latex free lead wire	-

Standard packaging:

QTY/Liner	1
QTY/Pouch	3, 10, 50
QTY/Box	501/1002, 1000/2000
Minimum sales	1002

Options:

Connectors	S, A, F
Pre-wired	-
Pre-wired connectors	-

Available configurations*:

QTY/Pouch	3	10	50	
SP-00-S	QTY/Box			
SP-00-S	501/1002	1000/2000	1000/2000	
SP-00-A,F			1000/2000	

* Some configurations may not be available world-wide

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 (PE/PET)

Materials Packaging:

Pouches inner part	Polyethylene (PE)
Pouches center part	Aluminium (Al)
Pouches outer part	Polyester (PET)
Boxes	Cardboard

Connectors:



S = Stud



A = 4 mm fitting



F = 3 mm fitting



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