

Blue Sensor R



The large Blue Sensor R features highly conductive wet gel, superior adhesion, and a large measuring area to ensure an optimal signal during stress tests and medium- to long-term applications. Thanks to the comfortable foam backing, the electrode is gentle to the skin.

Key features

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

Dimensions:

Electrode size (L x W max or diameter in mm)	57 x 48
Skin contact size (L x W max or diameter in mm)	48
Adhesive area (in mm ²)	1555
Height excl. connector/wire (in mm)	2

Electrical data (ANSI/AAMI):

AC impedance - typical	400 Ω
DC offset voltage - typical	0.2 mV
Defibrillation overload recovery - typical	6.8 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 (Ag/AgCl)
Gel system	Wet gel
Sensor area (in mm ²)	27
Gel area/measuring area (in mm ²)	254

X-ray & MRI:

X-ray translucent	no
MRI safe	no

Lifetime:

Recommended application time (max)	24 hours
In opened pouches	1 month
Unopened pouches*	24 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, 25
QTY/Box	252/504, 500/1000
Minimum sales	504, 1000

Options:

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

Available configurations*:

QTY/Pouch	3	10	25
R-00-S	QTY/Box		
R-00-S	252/504	500/1000	500/1000
R-00-A,F			500/1000

* 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 (PET/PE)

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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