

Ambu[®] BlueSensor M

ECG Electrode - Single use



Key Benefits

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

Ambu[®] BlueSensor M

The small Ambu BlueSensor M features highly conductive wet gel, offset connector and superior adhesion to ensure optimal signal quality during short to medium-term applications.

Thanks to the special occlusive backing material, the electrode is resistant to liquids.



Wet gel



Polymer backing



Pure silver sensor
(Ag/AgCl)



Occlusive backing

BlueSensor

Ambu^{*}
Ideas that work for life

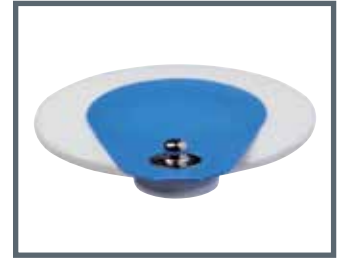
Specifications

Dimensions	
Electrode size (L x W in mm)	40.8 x 34
Skin contact size (L x W in mm)	34
Adhesive area (in mm ²)	754
Height excluding connector/wire (in mm)	1
Sensor	
Sensor material	Silver/silver chloride
Gel system	Wet gel
Sensor area (in mm ²)	10
Gel area/measuring area (in mm ²)	154
Electrical data	
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	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*	15 months

*from date of production

Connectors



S = Stud



A = 4 mm fitting



F = 3 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)	Stainless steel
Eyelet	Silver coated plastic
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	50
Quantity/box	1000/2000
Minimum sales	2000

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

Available configurations*

Quantity/pouch	50
Quantity per inner/outer box	
M-00-A, S, F	1000/2000

- Product
- Wire length
- Connector

*some configurations may not be available worldwide

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