Ambu[®] BlueSensor VL

ECG Electrode - Single use



Key Benefits

- Highly conductive wet gel
- Combination of instant and long-term adhesives
- Breathable microporous material
- Unique offset connector
- High-quality Ag/AgCl sensor
- Available with preattached lead wire

Ambu[®] BlueSensor VL

The very large Ambu BlueSensor VL features highly conductive wet gel, offset connector and a combination of instant and long-term adhesives for excellent contact and stable signals throughout the monitoring period. Thanks to the low-profile microporous material, skin is able to breathe so the electrode remains comfortable to wear over long periods. The VL is also available with a preattached lead wire.





Wet gel

Microporous backing



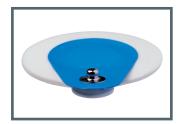


Specifications

Dimensions		
Electrode size (max. L x W or diameter in mm)	72 x 68	
Skin contact size (max. L x W or diameter in mm)	68	
Adhesive area (in mm²)	3377	
Height excluding connector/ wire (in mm)	1	
Sensor		
Sensor material	Silver/silver chloride (Ag/AgCl)	
Gel system	Wet gel	
Sensor area (in mm²)	20.8/22.4	
Gel area/measuring area (in mm²)	254	
Electrical data (ANSI/AAMI)		
AC impedance - typical	500 Ω	
DC offset voltage - typical	0.2 mV	
Defibrillation overload recovery - typical	7.4 mV	

Electrical data (ANSI/AAMI)	
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	No
Wire not made with natural rubber latex	
PVC-free packaging	Yes
X-ray & MRI	
Radiolucent	No
MR Conditional	No
Shelf life	
In opened pouches	1 month
Unopened pouches	24 months*

Connectors



S = Stud



A = 4 mm fitting

Pre-wired connectors



A = 4 mm connector



K = 1.5 mm connector

Materials

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam (PUR)
Outer carrier	Microporous tape (non woven rayon)
Outer adhesive	Acrylate
Inner carrier (if any)	Polyvinyl chloride film (PVC)
Inner adhesive (if any)	Acrylate
Upper part	Polyvinyl chloride film
Fitting	Polypropylene (PP)
Connector (stud)	Nickel-plated brass
Lead wire core	Copper
Lead wire insulation	Polyvinyl chloride
Lead wire connector	Brass/polypropylene
Liner	Polyester/polyethylene film (PET/PE)

Available configurations*

Quantity/pouch	10	25
	Quantity per	inner/outer box
VL-oo-S	500/1000	500/1000
VL-oo-A		500/1000
VL-10-A		500/1000
VL-50-A, K		500/1000
Proc VL-oo-C Wire	luct 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



Pouches, inner layer Polyethylene (PE) Pouches, centre layer Aluminium (AI) Pouches, outer layer Polyester (PET) Boxes Cardboard Standard Packaging Quantity/liner 1 Quantity/pouch 10, 25 Quantity/box 500/1000 Minimum sales 1000

*from date of production

Options	
Connectors	S, A
Pre-wired	Yes
Pre-wired connectors	А, К
Precaution	

Single use only

Packaging