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

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.







Microporous backing

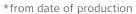




Specifications

Dimensions		
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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/AgCI)	
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



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)	

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

Options		
Connectors	S	
Precaution		
Single use only		

Available configurations*

Reference Numbers	Units/pack
VL-00-S/10	10
VL-00-S/25	25

Ambu USA

6230 Old Dobbin Lane Columbia, MD 21045 Tel. 800 262 8462 Fax 800 262 8673 www.ambuUSA.com