

# Ambu® BlueSensor VLC

ECG Electrode - Single use



## Key Benefits

- Highly conductive wet gel
- Combination of instant and long-term adhesives
- Breathable microporous material
- Special soft sponge
- Unique offset connector
- High-quality Ag/AgCl sensor

## Ambu® BlueSensor VLC

The very large Ambu BlueSensor VLC features highly conductive wet gel and a combination of instant and long-term adhesives for excellent contact and stable signals throughout the monitoring period.

To avoid reactions on sensitive skin, a special soft sponge is used in the gel area.

Thanks to the low-profile microporous material, skin is able to breathe so the electrode remains comfortable to wear over long periods.



Wet gel



Microporous backing

**BlueSensor**

**Ambu**  
Ideas that work for life

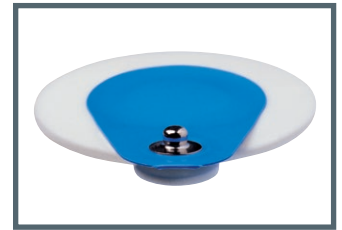
## Specifications

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 mm <sup>2</sup> )	3377
Height excluding connector/wire (in mm)	1
Sensor	
Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Sensor area (in mm <sup>2</sup> )	15.8/17.0
Gel area/measuring area (in mm <sup>2</sup> )	254
Electrical data (ANSI/AAMI)	
AC impedance - typical	650 Ω
DC offset voltage - typical	0.6 mV
Defibrillation overload recovery - typical	10.4 mV
Rate of change of polarization potential - typical	0.2 mV/s
Combined offset instability and internal noise	<10 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	
Opened pouches	1 month
Unopened pouches*	15 months

\*from date of production

## Connectors



S = Stud

## Material

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Sponge	Polyurethane foam/microporous (non woven rayon)
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 (PVC)
Fitting	Polypropylene
Connector (stud)	Nickel-plated brass
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	4, 10, 25
Quantity/box	500/1000
Minimum sales	1000

Options	
Connectors	S
Precaution	
Single use only	

## Available configurations\*

Quantity/pouch	4	10	25
	Quantity per inner/outer box		
VLC-00-S	500/1000	500/1000	500/1000

- 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

**CE** US: Rx only