

Ambu® BlueSensor 2300

ECG Electrode - Single use



Key Benefits

- Skin friendly solid gel
- Convenient in size
- Occlusive backing material
- Radiolucent
- MR Conditional

Ambu® BlueSensor 2300

The medium size Ambu BlueSensor 2300 electrode features a skin-friendly solid gel that provides optimal signal quality recordings during 12-lead diagnostic resting ECG application.

Ten BlueSensor electrodes are packed on a single liner so there is no need to peel away individual backing material.



Solid gel



Polymer backing material



Radiolucent



MR Conditional

BlueSensor

Ambu
Ideas that work for life

Specifications

Dimensions	
Electrode size (max. L x W or diameter in mm)	34 x 23
Skin contact size (max. L x W or diameter in mm)	25 x 23
Adhesive area (in mm ²)	575
Thickness excluding connector/wire (in mm)	0.8
Sensor	
Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Solid gel
Sensor area (in mm ²)	575
Gel area/measuring area (in mm ²)	575
Electrical data (ANSI/AAMI)	
AC impedance - typical	250 Ω
DC offset voltage - typical	0.0 mV
Defibrillation overload recovery - typical	11 mV
Rate of change of polarization potential - typical	0.2 mV/s
Combined offset instability and internal noise	<0.0 μV
Bias current tolerance (over 8 hours)	<2.9 mV
Environment	
PVC-free electrode	Yes
Electrode not made with natural rubber latex	
PVC-free packaging	Yes
X-ray & MRI	
Radiolucent	Yes
MR Conditional	Yes**
Shelf life	
Opened pouches	1 month
Unopened pouches	24 months*

*from date of production

Material

Electrode		Packaging	
Bio-compatible	Yes	Pouches, inner layer	Ionomer (Surlyn)
Sensor	Ag/AgCl	Pouches, centre layer	Aluminium (Al)
Outer adhesive	Solid gel	Pouches, outer layer	Coated paper polyethylene
Inner carrier (if any)	-	Boxes	Cardboard
Inner adhesive (if any)	-	Standard Packaging	
Upper part	Coated paper/polyester	Quantity/liner	10
Liner	Siliconized polyester film	Quantity/pouch	100
Precaution	Precaution	Quantity/box	500/5000
Single use only	Single use only	Minimum sales	5000

Available configurations

Quantity/pouch	100
	Quantity per inner/outer box
BS-Tab-2300/100	500/5000

** Static magnetic field of 1.5 Tesla and 3 Tesla only. Maximum spatial gradient field of 25,000 Gauss/cm or 250 Tesla/m. Maximum whole body averaged specific absorption rate (SAR) of 2 W/kg for 15 minutes of scanning.