

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	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	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)
Sponge	-	Pouches, outer layer	Coated paper polyethylene
Outer carrier	-	Boxes	Cardboard
Outer adhesive	Solid gel	Standard Packaging	
Inner carrier (if any)	-	Quantity/liner	10
Inner adhesive (if any)	-	Quantity/pouch	100
Upper part	Coated paper/polyester	Quantity/box	500/5000
Fitting	-	Minimum sales	5000
Connector (stud)	-	Precaution	
Lead wire core	-	Single use only	
Lead wire insulation	-		
Lead wire connector	-		
Liner	Siliconized polyester film		

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 10.000 Gauss/cm or 100 Tesla/m. Maximum whole body averaged specific absorption rate (SAR) of 2 W/kg for 15 minutes of scanning.

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