

# Ambu® BlueSensor 2300

ECG Electrode - Single use



## Key Benefits

- Conductive solid gel
- Convenient in size
- 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 2300 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 <sup>2</sup> )	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 <sup>2</sup> )	575
Gel area/measuring area (in mm <sup>2</sup> )	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	Yes
PVC-free packaging	Yes
X-Ray & MRI	
Radiolucent	Yes
MR Conditional	Yes*
Shelf life	
Opened pouches	1 month
Unopened pouches	24 months**

\* 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.

\*\* From date of production.

## Material

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Outer adhesive	Solid gel
Upper part	Coated paper/polyester
Liner	Siliconized polyester film
Packaging	
Pouch (outer/middle/inner layers)	Polyester/Aluminum/Polythene
Boxes	Corrugated cardboard

Options	
Connectors	C
Precaution	
Single use only	

## Available configurations

Reference number	Units/card	Units/pouch	Units/inner box	Units/outer box
BS-TAB-2300/100	10	100	500	5000

Distributor in EU  
**Ambu A/S**  
 Baltorpbakken 13  
 DK - 2750 Ballerup  
 Denmark  
 Tel. +45 7225 2000  
 ambu.com

Manufacturer  
**MEDICO ELECTRODES INTERNATIONAL LTD.**  
 [AN ISO13485 COMPANY]  
 Plot 142A/11, 12, 27, 28 & 29,  
 Noida Special Economic Zone,  
 Noida, Uttar Pradesh - 201305, India  
 www.medicoelectrodes.com

**CE** US: Rx only