

Ambu® WhiteSensor 4440

ECG Electrode - Single use



Key Benefits

- Highly conductive wet gel
- Strong adhesion
- Soft cloth backing material
- Radiolucent
- MR Conditional
- Biocompatible

Ambu® WhiteSensor 4440

The Ambu WhiteSensor 4440 features a highly conductive wet gel system and strong adhesion to support a reliable trace for long term ECG monitoring applications.

Due to the soft cloth backing material, the electrode ensures ease of use and comfort during application. It is radiolucent and MR Conditional.



Wet gel



Cloth backing



Radiolucent



MR Conditional

WhiteSensor

Ambu
Ideas that work for life

Specifications

Dimensions	
Electrode size (length x width in mm)	55
Skin contact size (in mm ²)	2375
Adhesive area (in mm ²)	1998
Height excluding connector (in mm)	0.32
Sensor	
Sensor material	Silver, silver chloride (Ag/AgCl)
Gel system	Chloride based, wet gel
Gel area (in mm ²)	201
Sensor area (in mm ²)	57
Electrical data (ANSI/AAMI)	
AC impedance - typical	150 Ω
DC offset potential - typical	1.0 mV
Defibrillation overload recovery - typical	12.0 mV
Rate of change for polarisation potential - typical	0.3 mV/s
Combined offset instability and internal noise	30 μV
Bias current tolerance	5 mV

Environment	
PVC-free electrode	No
Electrode not made with natural rubber latex	
PVC-free packaging	Yes
X-Ray & MRI	
Radiolucent	Yes
MR Conditional	Yes**
Shelf life	
Opened pouch	30 days
Sealed pouch	24 months *

*from date of production

Accessories	
Skin Preps	Ref: 2121M

Materials

Electrode	
Sponge	Polyurethane foam (PU)
Backing material	Non-woven (Cloth)
Backing material adhesive	Acrylic
Supporting label	Polyvinyl Chloride (PVC)
Release liner	Siliconised polyester
Sensor material	Silver, silver chloride (Ag/AgCl)
Connector	Carbon filled ABS

Packaging	
Pouch (outer/middle/inner layers)	Polyester(PET)/aluminium/polyethylene (PE)
Inner carton	Printed corrugated board
Shipping carton	Printed corrugated board
Standard Packaging	
Quantity/liner	1
Quantity/pouch	30
Inner carton	300
Shipping carton	3000
Minimum sales	3000
Precaution	
Single use only	

Available configurations

Quantity/pouch	30
	Quantity per inner/outer box
4440	300/3000

** 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.