

Ambu® WhiteSensor™ 4440

ECG Electrode – Single-use

DATASHEET

The Ambu WhiteSensor 4440 features a highly conductive wet gel with strong adhesion to ensure a good signal quality during 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.



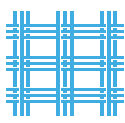
Radiolucent



MR Conditional



Wet gel



Cloth backing

WhiteSensor



KEY BENEFITS

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

Ambu

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 polarization potential - typical	0.3 mV/s
Combined offset instability and internal noise	3.0 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**

* 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

MATERIALS

Electrode

Sponge	Polyurethane foam (PU)
Backing material	Non-woven (Cloth)
Backing material adhesive	Acrylic
Supporting label	Polyvinyl Chloride (PVC)
Connector	Graphite, snap-type
Release liner	Siliconized polyester

Packaging

Pouch (outer/middle/inner layers)	Polyester(PET)/aluminium/polyethylene (PE)
Inner carton	Printed corrugated board
Shipping carton	Printed corrugated board

Accessories

Skin Preps	Ref: 2121 M
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AVAILABLE CONFIGURATIONS

Product	Pack	Box	Case
4440/3	3	600	3600
4440/5	5	750	4500
4440	30	300	3000



WhiteSensor 4440 long monitoring

Questions? Contact your Ambu representative at **800-262-8462** or visit **ambuUSA.com**



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