Ambu® WhiteSensor 4570M

ECG Electrode - Single use

Key Benefits

- Highly conductive wet gel
- Comfortable foam backing
- Ergonomic shape
- Radiolucent
- MR Conditional

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The Ambu WhiteSensor 4570M features a wet gel with good adhesion to ensure a good signal quality during pediatric short-term monitoring ECG.

Thanks to the flexible foam backing material and the ergonomic shape, the electrode ensures ease of use and comfort during application.

It is radiolucent and MR Conditional.

Wet gel

Foam backing

Radiolucent

MR Conditional

WhiteSensor

Ambu
Ideas that work for life

Specifications

Dimensions	
Electrode size (length x width in mm)	38 x 60
Adhesive area (in mm²)	1260
Height excluding connector (in mm)	1
Sensor	
Sensor material	Silver, silver chloride (Ag/AgCl)
Gel system	Wet gel
Gel area (in mm²)	201
Sensor area (in mm²)	79
Electrical data (ANSI/AAMI)	
AC impedance - typical	95 Ω
DC offset potential - typical	1.0 mV
Defibrillation overload recovery - typical	12 mV
Rate of change for polarization potential - typical	0.3 mV/s
Combined offset instability and internal noise	9 µV
Bias current tolerance	5 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 pouch	30 days
Sealed pouch	24 months*

*from date of production

Materials

Electrode	
Bio-compatible	Yes
Sponge	Polyester Polyurethane Reticulated
Backing material	Polyethylene foam (PE)
Backing material adhesive	Polyacrylate
Supporting label	Polyethylene
Connector	Carbon filled ABS
Upper substrate	-
Release liner	Polyester (PET)

Packaging	
Pouch (outer/middle/inner layers)	Polyester (PET)/aluminium/poly film
Inner carton	Corrugated box
Shipping carton	Corrugated box
Standard Packaging	
Quantity/liner	3
Quantity/pouch	30
Inner carton	300
Shipping carton	3000
Precaution	
Single use only	

Available configurations

Product	Pack
4570M	30

** 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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