

# Ambu® WhiteSensor 5050

ECG Electrode - Single use



## Key Benefits

- Offset connector and wet gel for clear and stable tracings - also on active patients
- Strong adhesion for secure skin contact throughout the procedure
- Comfortable foam backing

## Ambu® WhiteSensor 5050

The medium sized Ambu WhiteSensor 5050 features an offset electrode design combined with a wet gel to reduce motion artifacts and ensuring a clear and stable trace. The foam backing has enhanced adhesive properties to hold the electrodes securely in place during stress test and monitoring.



Wet gel



Foam backing

WhiteSensor

**Ambu**<sup>\*</sup>  
Ideas that work for life

# Specifications

Dimensions	
Electrode size (W x L in mm)	53.5 x 50
Adhesive area (in mm <sup>2</sup> )	1660
Height excluding connector/wire (in mm)	3
Sensor	
Sensor material	Silver/silver chloride (Ag/AgCl)
Gel system	Wet gel
Sensor area (in mm <sup>2</sup> )	113
Gel area/measuring area (in mm <sup>2</sup> )	201
Electrical data (ANSI/AAMI)	
AC impedance	≤ 450 Ω
DC offset voltage	≤ 1 mV
Defibrillation overload recovery	≤ 10 mV
Rate of change of polarization potential	≤ 0.5 mV/s
Impedance after SDR (ACZ)	≤ 300 Ω
Combined offset instability and internal noise	≤ 100 μV
Bias current tolerance (over 8 hours)	≤ 100 mV

Environment	
PVC-free electrode	Yes
Electrode not made with natural rubber latex	Yes
PVC-free packaging	Yes
X-Ray & MRI	
Radiolucent	No
MR Conditional	No
Shelf life	
Opened pouches	1 month
Unopened pouches	24 months*

\* From date of production.

## Materials

Electrode	
Bio-compatible	Yes
Sponge (Gel Foam)	Polyester Polyurethane Reticulated
Sensor	Silver/silver chloride (Ag/AgCl)
Outer carrier	Polyethylene foam (enhanced)
Outer adhesive	Polyacrylate
Connector (stud)	Stainless steel
Liner	PET
Packaging	
Pouch (outer/middle/inner layers)	Polyester/ Aluminum/ Polythene
Boxes	Corrugated cardboard

Options	
Connectors	S
Precaution	
Single use only	

## Available configurations

Reference number	Units/card	Units/pouch	Units/inner box	Units/outer box
5050-00-S/50	1	50	1000	6000

- Product
- Wire length
- Connector

Distributor in EU  
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