

Ambu® WhiteSensor 3552 & 3552/RT

ECG Electrode - Single use



Key Benefits

- Highly conductive wet gel and strong adhesion for stable and clear tracings
- Offset stud connector options - graphite option is MRI conditional and radiolucent
- Occlusive backing material

Ambu® WhiteSensor 3552 & 3552/RT

Ambu WhiteSensor 3552 and 3552/RT offset electrodes are featuring a combination of wet gel and enhanced adhesion to provide stable and clear tracings during ECG monitoring. The occlusive backing of the electrodes make them resistant to fluids.

WhiteSensor 3552/RT holds a carbon stud and is therefore radiolucent and MRI conditional.



Wet gel



Foam backing

WhiteSensor

Ambu^{*}
Ideas that work for life

Specifications

Dimensions		
Electrode size (W x L in mm)	52 x 35	
Adhesive area (in mm ²)	1133	
Height excluding connector/wire (in mm)	2.7	
Sensor		
Sensor material	Silver/silver chloride	
Gel system	Wet gel	
Sensor area (in mm ²)	113	
Gel area/measuring area (in mm ²)	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		
PVC-free packaging	Yes	
X-Ray & MRI		
	with stud	with carbon stud
Radiolucent	No	Yes
MR Conditional	No	Yes **
Shelf life		
Opened pouches	1 month	
Unopened pouches	18 months *	

* From date of production

** Static magnetic field of 1.5 Tesla and 3 Tesla only. Maximum spatial gradient field of 12.900 Gauss/cm or 129 Tesla/m. Maximum whole body averaged specific absorption rate (SAR) of 2 W/kg for 15 minutes of scanning.

Materials

Electrode		Standard Packaging	
Bio-compatible	Yes	Quantity/pouch	60
Sponge (Gel Foam)	Polyester Polyurethane Reticulated	Quantity/box	1200/7200
Sensor	Silver/silver chloride (Ag/AgCl)	Minimum sales	1200/7200
Outer carrier	Polyethylene foam (enhanced)		
Outer adhesive	Polyacrylate		
Connector	Stainless steel stud (S) Graphite stud (S/RT)		
Liner	PET		
Packaging		Options	
Pouch	Polyester/ Aluminum/ Polyethylene	Connectors	S, S/RT
Inner and outer carton	Corrugated box	Precaution	
		Single use only	

Available configurations

Reference number	Units/card	Units/pouch	Units/inner box	Units/outer box
3552-00-S/60	5	60	1200	7200
3552-00-S/RT/60	5	60	1200	7200

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3552-00-X

- Product
- Wire length
- Connector

Connectors



S= Stainless steel Stud



S/RT= Carbon Stud