

# Ambu® WhiteSensor 2742 & 2742/RT

ECG Electrode - Single use



## Key Benefits

- Smaller sized electrode to cover both pediatric and adult monitoring ECG
- 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 2742 & 2742/RT

The smaller sized Ambu WhiteSensor 2742 and 2742/RT offset electrodes are featuring a combination of wet gel and enhanced adhesion to provide stable and clear tracings during ECG monitoring for children and adults. The occlusive backing of the electrodes make them resistant to fluids.

WhiteSensor 2742/RT holds a carbon stud and is therefore radiolucent and MRI conditional.



Wet gel



Foam backing

WhiteSensor

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

## Specifications

Dimensions		
Electrode size (W x L in mm)	42 x 27	
Adhesive area (in mm <sup>2</sup> )	597	
Height excluding connector/wire (in mm)	2.5	
Sensor		
Sensor material	Silver/silver chloride	
Gel system	Wet gel	
Sensor area (in mm <sup>2</sup> )	50	
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		
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	

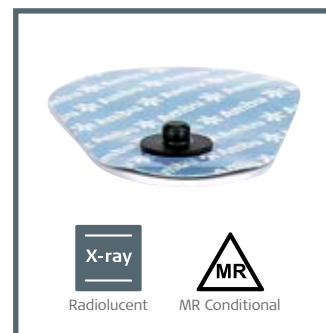
## Available configurations

Reference number	Units/card	Units/pouch	Units/inner box	Units/outer box
2742-00-S/60	5	60	1200	7200
2742-00-S/RT/60	5	60	1200	7200

## Connectors



S= Stainless steel Stud



S/RT= Carbon Stud

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2742-00-X

- Product
- Wire length
- Connector

**CE** US: Rx only