



# Ambu<sup>®</sup> Cardiology Sensors

Leading innovator of ECG electrodes providing a unique offering of superior quality and cost effective solutions

# Ambu® electrodes

– quality in every aspect

## Pioneering and innovation for more than 4 decades

Through 40 years of experience with developing and optimizing ECG electrodes Ambu® has become the epitome of superior reliability and convenience in every situation.

Since our engineers developed the offset-connector 4 decades ago, we have continuously worked to optimize our products with unique features based on insight gained through tight collaboration with users from all over the world.

## Comprehensive range - Cost effective use

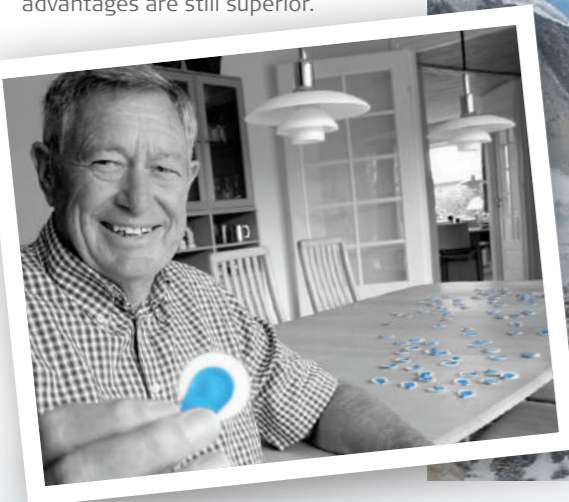
Electrodes need to be easy to use without extensive preparation. They must be equipped with features that ensure maximum patient comfort and ease of use – without compromising absolute reliability and signal quality. In this sense optimally designed electrodes are devices that can secure efficient workflows.

Over time we have gained invaluable experience and understanding which has made us capable of creating the most comprehensive range of electrodes. Each one developed to match every usage situation with particular focus on accommodating the need for cost-effective solutions in all aspects.



Highly refined manufacturing processes and comprehensive quality controls ensure the Ambu® electrode quality.

Ambu® Engineer, Jan Rasmussen, developed the offset connector more than 40 years ago – its technical advantages are still superior.



BlueSensor – When failure is not an option. Ambu BlueSensor proudly sponsors the Xtreme Everest project, a research mission to find the underlying physiological reasons why some people cope better with low oxygen conditions than others.

# Ambu® electrodes

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# BlueSensor

– the world's most time and cost efficient electrode

### 40 years of experience makes a difference

BlueSensor is the world's most time and cost efficient range of electrodes that delivers unmatched readings, user convenience and patient comfort. BlueSensor ensures that you don't get your workflow disrupted by false alarms or have to waste time resolving problems with electrode adhesion.

### Exact monitoring - clear picture

The electrodes give a fast and reliable trace without the need for skin preparation, maximizing comfort for the patient. We know that fast, exact monitoring that ensures a clear picture of the patients' heartbeat is essential to accurate diagnoses.\*

BlueSensor electrodes will give you exactly that – an absolute quality experience.

# WhiteSensor

The versatile and reliable range of Ambu electrodes

### Functionality you can trust

Responding to the growing demands of standard solutions to cover a broader range of applications, WhiteSensor has been developed as a range of electrodes that unites versatility with the well-known Ambu quality and functionality. The wide range of sizes, shapes, gel types and backing materials makes it easy to choose the optimal device for every situation.

### Covers all patients needs in monitoring

The WhiteSensor range is comprised of electrodes equipped with carefully selected features to match each individual situation, in total covering all patient needs in monitoring. We have chosen flexible and reliable materials and adhesives, able to follow skin movements without lifting off, to accommodate both patient comfort and signal quality.

#### Gel Type



Wet



Solid

#### Backing Materials



Cloth



Foam



Polymer



Microporous

#### Features



Double ring adhesive



Pure silver sensor



Radiolucent

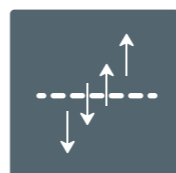


MR Conditional

#### Benefits



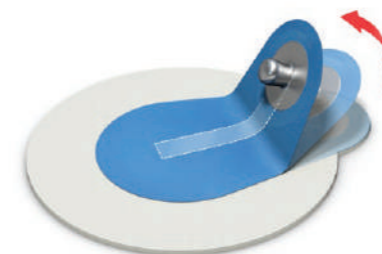
Occlusive backing



Breathable backing

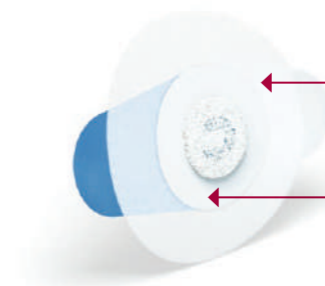
Ambu is constantly working to improve user experience and convenience. We have added icons to the packaging for quick guidance and simple selection – making your everyday easier.

### BlueSensor key features



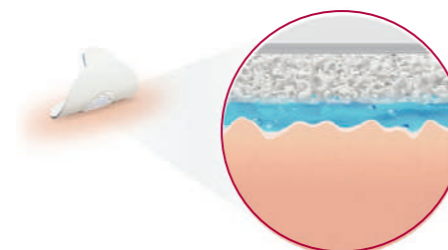
#### Offset connector

- Allows movement of the connected cable without affecting the electrode's performance.
- The offset connector prevents artifacts from disturbing the readout. Especially in demanding situations like stress test and Holter.\*
- Easy attachment provides a high level of comfort for the patient and convenience for the user.



#### Double ring adhesive

- The two rings secure optimal fixture and precise recordings.
- The outer ring is for long-term wear, as adhesion increases with time. The thin and soft material allows the skin to breathe.
- The inner ring on the polymer material "seals" the gel area and ensures an immediate, excellent adhesion.
- Unique construction allows mounting without skin preparation and comfortable removal of the electrodes



#### Wet gel

- Wet gel optimizes contact between skin and electrode.
- Lowering skin impedance effectively and immediately.
- Exact volume of wet gel is key to securing the best possible signal.



#### Ag/AgCl electrode

- Pure silver filament – in contrast to carbon/silver combination
- Ensures excellent trace quality due to optimized conversion of the signal from biological to electrical

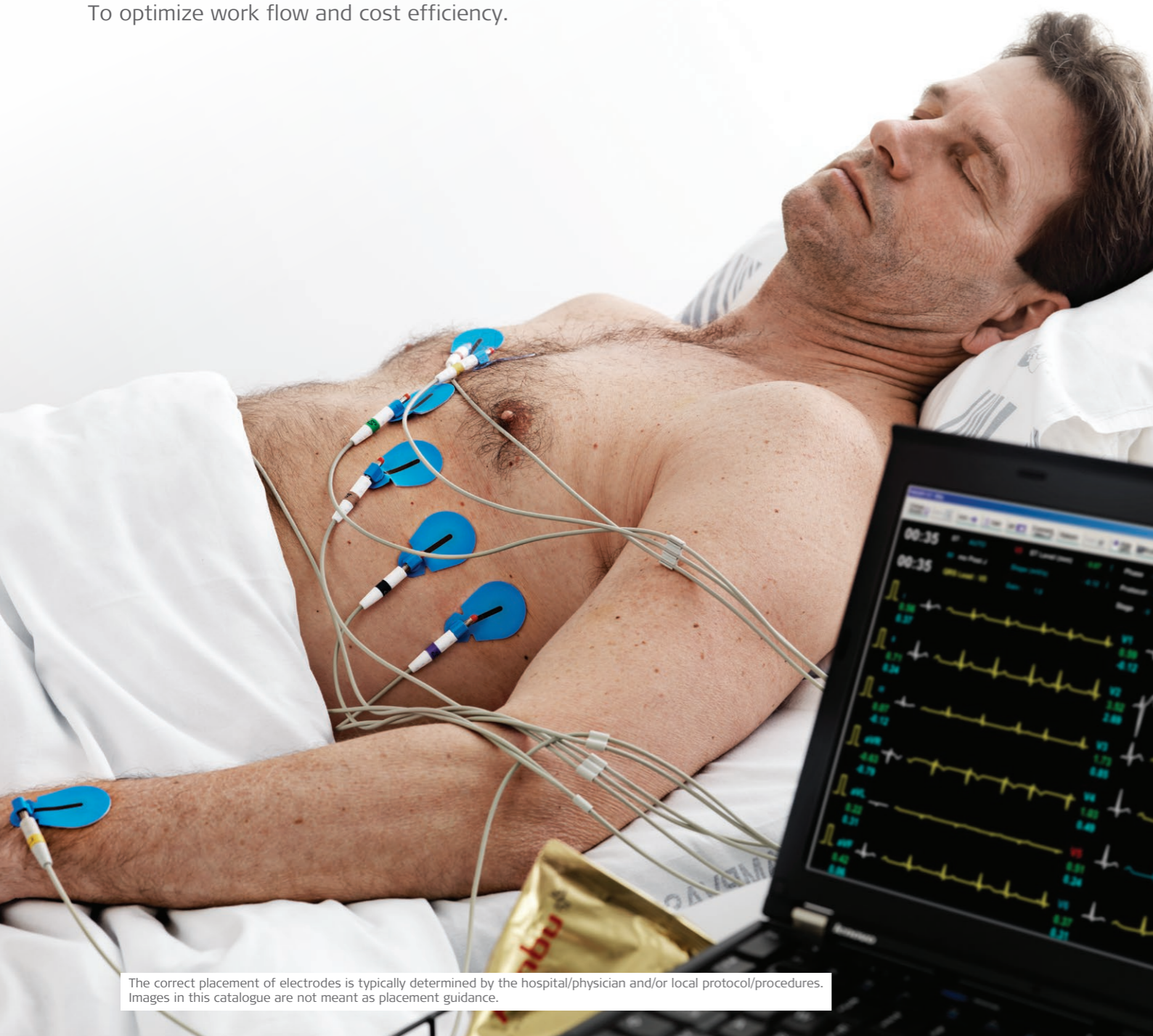
\*Knight BP, Pelosi F, Michaud GF, Strickberger SA, Morady F. Clinical consequences of electrocardiographic artifact mimicking ventricular tachycardia. New England Journal of Medicine (1999) 341(17):1270-4.

# Resting ECG/12-lead ECG

Ambu offers a complete range of electrodes for ECG resting procedures, to meet all hospital needs.

### Benefits:

- **Excellent trace quality**  
Ensuring an accurate diagnosis with a clear and reliable signal.
- **Superior adhesion**  
For fast and secure recordings.
- **Saving time**  
To optimize work flow and cost efficiency.



BlueSensor SU-oo-A



### Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Superior quick adhesion - saves time
- Unique offset connector - is easy to connect - fitting or tab
- Occlusive backing material - is resistant to fluids
- High-quality Ag/AgCl sensor - ensures excellent trace quality



BlueSensor SU-oo-F



BlueSensor SU-oo-C



Size: 49 x 33 mm  
24 months shelf life  
PVC free

Quantity/pouch	60	100
	Quantity per inner/outer box	
SU-oo-C		1200/2400
SU-oo-A, F	600/1200	

BlueSensor 2300



### Features and Benefits:

- Skin friendly solid gel - ensures reliable recordings
- Convenient in size - can be used on most patients
- Occlusive backing material - is resistant to fluids
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures



Size: 34 x 23 mm  
24 months shelf life  
PVC free

Quantity/pouch	100
	Quantity per inner/outer box
BS-Tab-2300/100	500/5000

The correct placement of electrodes is typically determined by the hospital/physician and/or local protocol/procedures. Images in this catalogue are not meant as placement guidance.

WhiteSensor 4530M



3 mm fitting connector

WhiteSensor 4540/4540M



4 mm fitting connector

Features and Benefits:

- Highly conductive wet gel – immediate reliable recordings
- Comfortable foam backing – resistant to fluids
- 3 or 4 mm fitting connector – direct connection to cable, without adapters
- Radiolucent and MR Conditional – can remain on the patient during X-ray and MRI procedures
- Tab for placement and removal - ensures ease of use
- Convenient presentation of 5 pieces/strip - for fast application



Size: 32 x 45 mm  
PVC free (in contact with skin)  
24 months shelf life

Quantity/pouch	60
Quantity per inner/outer box	
4540/4540M	300/2400
4530M	300/2400

WhiteSensor



WhiteSensor 0615M



Centre tab and functional shape  
Size: 26 x 37 mm

Features and Benefits:

- Centre tab connection and functional shape - for superior adhesion
- Skin friendly conductive adhesive – ensures reliable recordings
- Medium size - can be used on most patients
- Radiolucent and MR Conditional – can remain on the patient during X-ray and MRI procedures
- Tab for placement and removal - ensures ease of use
- Convenient presentation of 10 pieces/strip – for fast application

WhiteSensor 0215M



Very small size: 13 x 34 mm

- Skin friendly conductive adhesive – ensures reliable recordings
- Fish tail tab design - reduces electrode lift-offs for secure adhesion
- Radiolucent and MR Conditional – can remain on the patient during X-ray and MRI procedures
- Various sizes to meet specific patient needs
- Convenient presentation of 10 pieces/strip – for fast application

WhiteSensor 0315M



Small size: 21 x 35 mm

WhiteSensor 0415M



Medium size: 23 x 34 mm

WhiteSensor 0715M



Large size: 26 x 34 mm



24 months shelf life  
PVC free

Quantity/pouch	100
Quantity per inner/outer box	
0615M	500/5000
0215M	500/5000
0315M	500/5000
0415M	500/5000
0715M	500/5000

# Holter, Event Recording and Long-term Monitoring



**Benefits:**

- **Excellent trace quality**  
Ensuring an accurate diagnosis with a clear and reliable signal.
- **Superior adhesion**  
To prevent repetitive tests and false alarms that may be due to electrodes attachment.
- **Skin care**  
Hypoallergenic materials to minimize the risk for skin reactions.

The correct placement of electrodes is typically determined by the hospital/physician and/or local protocol/procedures. Images in this catalogue are not meant as placement guidance.

BlueSensor L



Size: 68.2 x 55 mm  
24 months shelf life

**Features and Benefits:**

- Highly conductive wet gel - ensures reliable traces
- Combination of instant and long-term adhesives - secures optimal fixation and precise recordings
- Breathable microporous material - for optimal skin care
- Unique offset connector - prevents artifacts from disrupting the readouts
- High-quality Ag/AgCl sensor - ensures excellent trace quality

BlueSensor VL



Size: 72 x 68 mm - with snap  
68 mm diam. - with leadwire  
24 months shelf life

BlueSensor VLC



Size: 72 x 68 mm  
15 months shelf life  
Special design for sensitive skin



Quantity/pouch	5	25
Quantity per inner/outer box		
L-00-S	500/1000	500/1000
L-00-A		500/1000

Quantity/pouch	10	25
Quantity per inner/outer box		
VL-00-S	500/1000	500/1000
VL-00-A		500/1000
VL-10-A		500/1000
VL-50-A, K		500/1000

Quantity/pouch	4	10	25
Quantity per inner/outer box			
VLC-00-S	500/1000	500/1000	500/1000

Some configurations may not be available worldwide

WhiteSensor 4440M



Size: 55 mm diameter  
24 months shelf life

Features and Benefits:

- Highly conductive wet gel – ensures reliable recordings
- Strong and secure adhesion – prevents false alarms
- Breathable soft cloth backing – prevents skin reactions
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures



Quantity/pouch	30
4440M	Quantity per inner/outer box 300/3000

WhiteSensor CMM



Size: 50 mm diameter  
PVC free  
36 months shelf life

Features and Benefits:

- Highly conductive solid gel – ensures reliable recordings
- Strong and secure adhesion – prevents false alarms
- Soft cloth backing material – allows the skin to breathe



Quantity/pouch	30
CMM-00-S	Quantity per inner/outer box 1500/6000

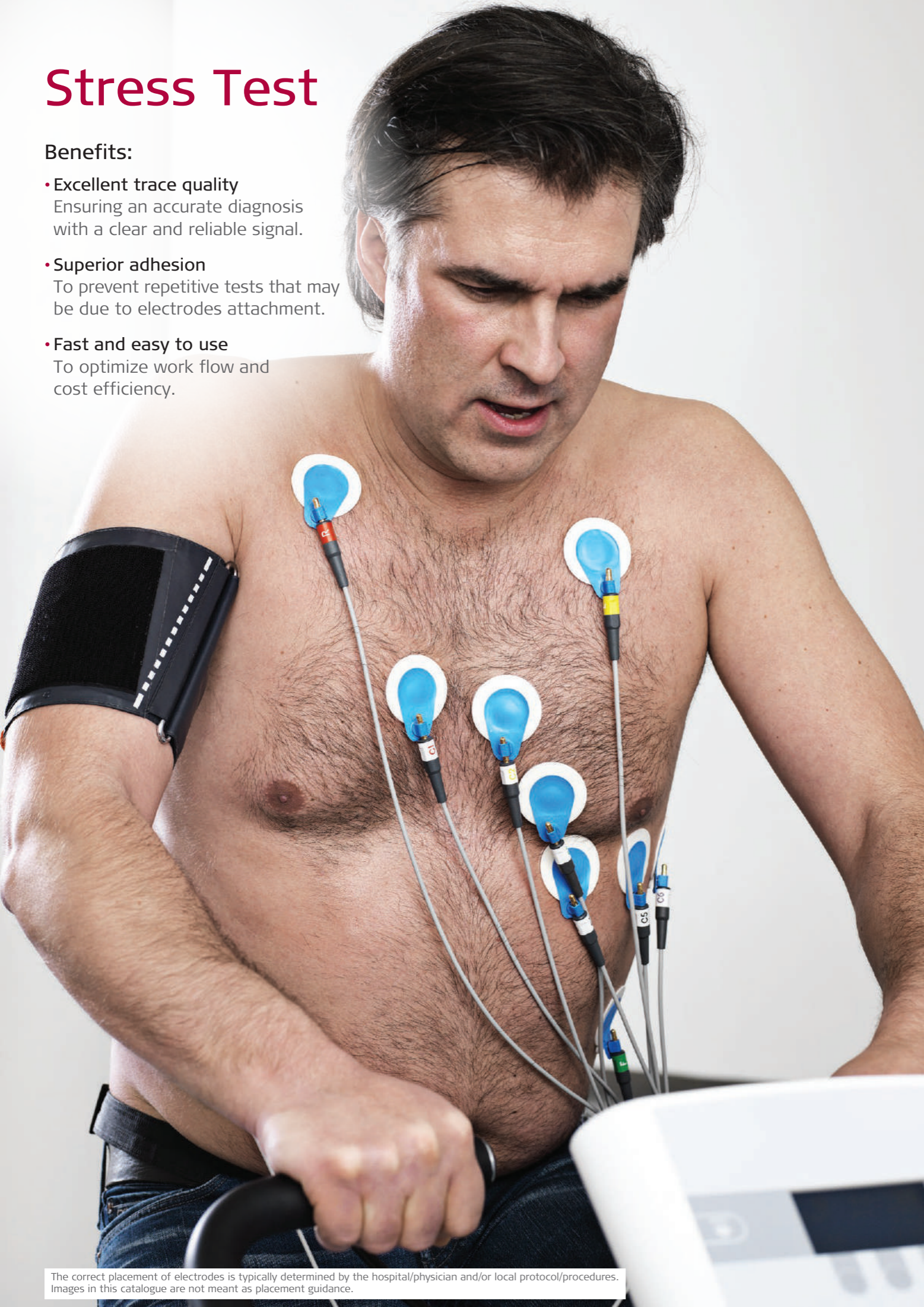


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# Stress Test

## Benefits:

- **Excellent trace quality**  
Ensuring an accurate diagnosis with a clear and reliable signal.
- **Superior adhesion**  
To prevent repetitive tests that may be due to electrodes attachment.
- **Fast and easy to use**  
To optimize work flow and cost efficiency.



The correct placement of electrodes is typically determined by the hospital/physician and/or local protocol/procedures. Images in this catalogue are not meant as placement guidance.

BlueSensor R



Size: 57 x 48 mm

BlueSensor SP



Size: 42.5 x 38 mm

BlueSensor T



Size: 57 x 35 mm

## Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Superior adhesion - secures optimal fixation throughout the procedure
- Comfortable foam backing - is easy to use
- Unique offset connector - prevents artifacts from disrupting the readouts
- High-quality Ag/AgCl sensor - ensures excellent trace quality



24 months shelf life



Quantity/pouch	4	10	50
	Quantity per inner/outer box		
SP-00-S	500/1000	1000/2000	1000/2000
SP-00-A			1000/2000

Quantity/pouch	3	4	5	7	10	25
	Quantity per inner/outer box					
R-00-S	252/504	500/1000	500/1000	504/1008	500/1000	500/1000
R-00-A						500/1000

Quantity/pouch	10	25
	Quantity per inner/outer box	
T-00-S	500/1000	500/1000
T-00-A		500/1000

Some configurations may not be available worldwide



WhiteSensor 4560M



Features and Benefits:

- Highly conductive wet gel – ensures reliable recordings
- Strong and secure adhesion throughout the procedure
- Comfortable foam backing – is easy to place and remove
- Ergonomic shape – is comfortable for patients and users
- Convenient presentation of 3 pieces/strip – for fast application



Size: 38 x 60 mm  
PVC free  
24 months shelf life

Quantity/pouch	60
4560M	Quantity per inner/outer box 300/3000

WhiteSensor

# Short-term Monitoring

Benefits:

- **Excellent trace quality and superior adhesion**  
To prevent false alarms that may be due to electrodes attachment.
- **Fast and easy to use**  
To optimize work flow and cost efficiency.



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BlueSensor M



Size: 40.8 x 34 mm  
15 months shelf life

BlueSensor Q



Size: 53.2 x 40 mm  
- with snap connector  
40 x 40 mm - with leadwire  
24 months shelf life

BlueSensor QR



X-ray

- Radiolucent  
Size: 40 x 40 mm  
24 months shelf life

Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Superior adhesion - prevents false alarms
- Occlusive backing material - is resistant to fluids
- Unique offset connector - prevents artifacts from disrupting the readouts
- High-quality Ag/AgCl sensor - ensures excellent trace quality



Quantity/pouch	50	
	Quantity per inner/outer box	
M-00-A, S, F	1000/2000	

Quantity/pouch	10	25
	Quantity per inner/outer box	
Q-00-S, A	500	1000
Q-10-A, F	500	1000
Q-50-K	500	1000
Q-100-K	500	1000

Quantity/pouch	10	
	Quantity per inner/outer box	
QR-50-A	500	1000
QR-80-A	500	1000

WhiteSensor 4831Q



Size: 37 x 37 mm  
PVC free  
24 months shelf life

Features and Benefits:

- Solid gel - ensures reliable recordings
- Comfortable foam backing - is easy to use
- Ergonomic leaf shape - is comfortable for patients
- Small size - can be used on adults and children
- Convenient presentation of 3 pieces/strip - for fast application



Quantity/pouch	60
	Quantity per inner/outer box
4831Q	600/7200

WhiteSensor 4841P



Comfortable foam backing  
- is easy to use

Features and Benefits:

- Solid gel - ensures reliable recordings
- Ergonomic leaf shape - is comfortable for patients
- Convenient presentation of 3 pieces/strip - for fast application
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures



WhiteSensor 7841P



Cleartape perforated backing  
- allows skin ventilation and visibility

Bio-Tack™ solid gel - ensures reliable recordings



Size: 42 x 42 mm  
PVC free  
24 months shelf life

Quantity/pouch	60
	Quantity per inner/outer box
4841P	600/7200
7841P	600/7200

### WhiteSensor WS



Size: 36 x 40 mm  
30 months shelf life  
PVC free

#### Features and Benefits:

- Highly conductive solid gel – ensures reliable recordings
- Ergonomic teardrop shape – fits most patients
- Strong and secure adhesion – prevents false alarms
- Comfortable foam backing – is easy to use
- Available in various packaging configurations



### WhiteSensor WS/RT



**Radiolucent and MR Conditional**  
-can remain on the patient during X-ray  
and MRI procedures  
Size: 36 x 40 mm  
24 months shelf life  
PVC free



Reference number	Units/card	Units/pouch	Units/inner box	Units/outer box
WS-00-S/50	1	50	600	7200
WS-00-S/L5/50	5	50	600	7200
WS-00-S/3	3	3	600	3600
WS-00-S/4	4	4	600	3600
WS-00-S/5	5	5	600	3600
WS-00-S/10	5	10	600	3600
WS-00-S/30	1	30	600	7200

Reference number	Units/card	Units/pouch	Units/inner box	Units/outer box
WS-00-S/RT/50	1	50	600	7200

### WhiteSensor 4500M



- Radiolucent and MR Conditional  
- can remain on the patient during X-ray  
and MRI procedures  
- Size: 50 mm diameter

#### Features and Benefits:

- Highly conductive wet gel – ensures reliable traces
- Good and secure adhesion – prevents false alarms
- Comfortable foam backing – is easy to use
- Convenient presentation of 3 pieces/strip – for fast application



### WhiteSensor 4500M-H



Size: 50 mm diameter



### WhiteSensor 4535M



Size: 32 x 44 mm

24 months shelf life  
PVC free

Quantity/pouch	30
4500M	Quantity per inner/outer box 300/3000

Quantity/pouch	60
4500M-H	Quantity per inner/outer box 300/3000
4535M	Quantity per inner/outer box 300/3000

# Neonatal Monitoring

## Benefits:

- **Excellent trace quality**  
Ensuring reliable recordings with a clear and reliable signal.
- **Superior adhesion**  
To prevent false alarms that may be due to electrodes attachment.
- **Skin care**  
Special design for small babies.
- **Minimal handling**  
So babies rest is not disrupted by electrodes placement.

The correct placement of electrodes is typically determined by the hospital/physician and/or local protocol/procedures. Images in this catalogue are not meant as placement guidance.

## NEO X



### Features and Benefits:

- Tiny size - special for small babies
- Four-leaf clover shape for superior adhesion
- No-touch application is hygienic
- Transparent material allows to see the skin
- Excellent long-term adhesion in high humidity environments
- Radiolucent - can remain on the patient during X-ray procedures



Quantity/pouch	3
Quantity per inner/outer box	
NEOX-60-K/EU**	120/960
NEOX-60-K/US***	120/960
NEOX-60-K/C3****	120/960

Size: 25 x 20 mm  
24 months shelf life  
PVC free

\*\*EU=coloured lead wires: red, yellow, black  
\*\*\*US=coloured lead wires: green, black, white  
\*\*\*\*C3=coloured lead wires: red, yellow, green.

Some configurations may not be available worldwide

## BlueSensor BR



Size: 28 x 20 mm

## BlueSensor BRS



Size: 16 x 19 mm

### Features and Benefits:

- Skin-friendly solid gel - ensures reliable recordings
- Soft cloth backing material - allows the skin to breathe
- Medium and small sizes - to fit all patients
- Radiolucent - can remain on the patient during X-ray procedures
- Special shape for improved adhesion



Quantity/pouch	3	4	6	12	Colour coding
Quantity per inner/outer box					
BR-50-A, K				600/1200	
BR-50-K	600/1200			600/1200	EU, US
BR-80-A, K				600/1200	
BR-100-F		600/1200	600/1200		C4, C6
BR-100-K	600/1200	600/1200	600/1200	600/1200	C3, C4, C6
BR-170-K		600/1200	600/1200		C4, C6

Quantity/pouch	3	12	Colour coding
Quantity per inner/outer box			
BRS-50-A, K		600/1200	
BRS-50-K/EU	600/1200	600/1200	EU
BRS-50-K	600/1200		US, C3

18 months shelf life

Coloured lead wires  
EU: black, red, yellow  
US: black, green, white  
C3: red, yellow, green  
C4: red, yellow, green, black  
C6: red, yellow, green, brown, black, purple

Some configurations may not be available worldwide

## BlueSensor NF



Size: 30 x 22 mm

## BlueSensor NF-oo-S



Size 44.3 x 22 mm

### Features and Benefits:

- Skin-friendly solid gel - ensures reliable recordings
- Breathable soft cloth backing - for optimal skin care
- Unique offset connector - prevents artifacts from disrupting the readouts
- High-quality Ag/AgCl sensor - ensures excellent trace quality
- Available with various connectors and colour coded lead wires - for ease of use



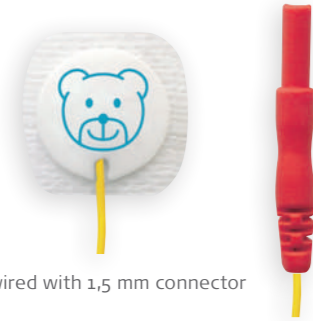
Quantity/pouch	3	12	30
Quantity per inner/outer box			
NF-oo-S		1200/2400	
NF-oo-F		600/1200	
NF-10-A, F		600/1200	
NF-50-A, F		600/1200	
NF-50-J	600/1200		
NF-50-K/EU**	600/1200	600/1200	
NF-50-J/W**		600/1200	
NF-50-K/W**		600/1200	600/1200
NF-50-K/US**	600/1200		

24 months shelf life

EU = Coloured lead wires: red, yellow, black  
US = Coloured lead wires: green, black, white  
W = Wound lead wire

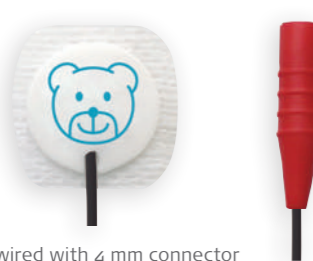
Some configurations may not be available worldwide

WhiteSensor 40554



Prewired with 1,5 mm connector

WhiteSensor 40556



Prewired with 4 mm connector

Features and Benefits:

- Skin-friendly solid gel – ensures gentle contact
- Breathable soft cloth backing – allows skin ventilation
- Small size ideal for neonatal patients
- Radiolucent - can remain on the patient during X-ray procedures
- Convenient presentation of 3 pieces/strip – for fast application



Size: 22 x 22 mm  
 Lead wire length: 60 cm, colour coded  
 24 months shelf life

Quantity/pouch	3
	Quantity per inner/outer box
40554	300/3000
40556	300/3000

# Paediatric Monitoring

**Benefits:**

- **Excellent trace quality**  
Ensuring reliable recordings with a clear and reliable signal.
- **Superior adhesion**  
To prevent false alarms that may be due to electrodes attachment.
- **Fast and easy to use**  
So kids rest is not disrupted by electrodes placement.



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WhiteSensor



BlueSensor P



Size 40.8 x 34 mm  
15 months shelf life

BlueSensor N



Size: 30 x 22 mm  
12 months shelf life - with wire

BlueSensor N-oo-S



Size: 44.8 x 22 mm  
24 months shelf life  
- with snap or fitting connector

Features and Benefits:

- Highly conductive wet gel - ensures reliable traces
- Superior adhesion - prevents false alarms
- Comfortable foam backing - is easy to use
- Unique offset connector - prevents artifacts from disrupting the readouts
- High quality Ag/AgCl sensor - ensures excellent trace quality



Quantity/pouch	25
Quantity per inner/outer box	
N-oo-S, A, F	1000/2000
N-10-A, F	1000/2000
N-50-A, F, K	500/1000

Quantity/pouch	10	12	50
Quantity per inner/outer box			
P-oo-S	1000/2000	960/1920	1000/2000
P-oo-A, F			1000/2000

Some configurations may not be available worldwide

WhiteSensor 4570M



Size: 38 x 60 mm  
PVC free  
24 months shelf life

Features and Benefits:

- Highly conductive wet gel – ensures reliable recordings
- Comfortable foam backing – is easy to place and remove
- Ergonomic shape – is comfortable for patients and users
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures
- Convenient presentation of 3 pieces/strip – for fast application



Quantity/pouch	30
Quantity per inner/outer box	
4570M	300/3000

WhiteSensor 40713



Size: 19 x 38 mm  
PVC free  
24 months shelf life

Features and Benefits:


- Conductive adhesive gel – for gentle contact
- Breathable soft cloth backing – allows skin ventilation
- Small size ideal for paediatric patients
- Radiolucent and MR Conditional - can remain on the patient during X-ray and MRI procedures
- Convenient presentation of 3 pieces/strip – for fast application



Quantity/pouch	3
Quantity per inner/outer box	
40713	300/3000

# Accessories

**SkinFix**




Size 59 x 55 mm

**Features and Benefits:**

- Fixes electrode leadwires on patients during Holter and Stress test
- Reduces movement artefacts on the ECG
- Minimizes the risk of electrodes falling off
- Breathable microporous material
- The wire strap can be reopened and closed several times
- Moisture resistant
- MR safe

Quantity/pouch	Quantity per pouch/inner box/outer box
2703/50	50/500/3000


**Snap Clip**



Clip connector for tab electrodes  
Ref: 0334M

**Features and Benefits:**


- Connects 3 mm pin cables to tab electrodes
- Ensures secure connection
- Easy to use



PVC free  
Reusable

Packaging (pcs per pouch/carton):  
10/1000

**Skin Prep**



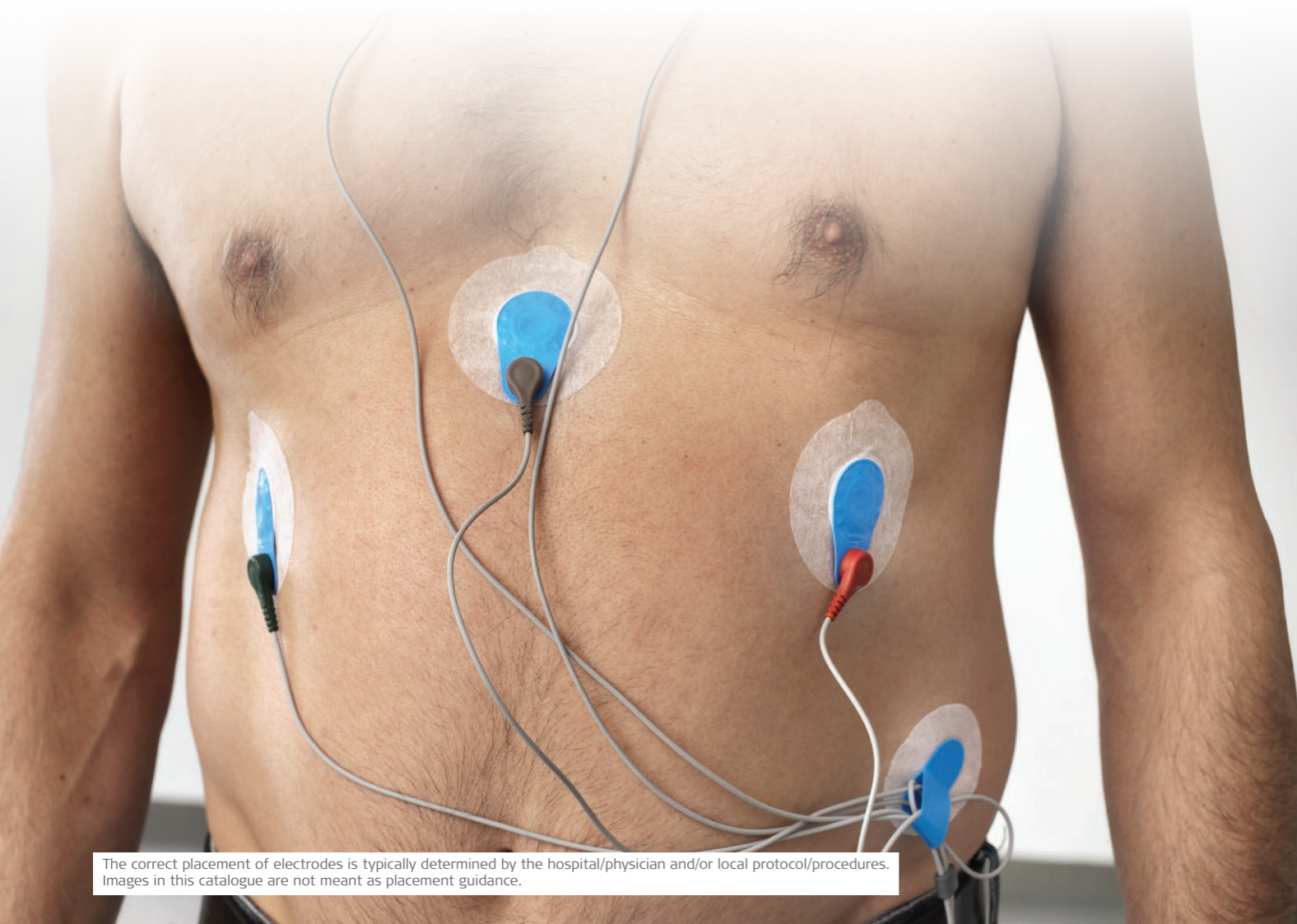
Ref: 2121M

**Features and Benefits:**

- Allows skin preparation before electrode placement
- Abrasive to reduce skin impedance
- Adhesive on one side, to use with one finger
- Small size fits finger tip


Size: 19 x 28 mm  
PVC free

Packaging (pcs per pouch/inner box/carton):  
500/1500/15000




The correct placement of electrodes is typically determined by the hospital/physician and/or local protocol/procedures. Images in this catalogue are not meant as placement guidance.


# BlueSensor Electrodes for ECG - Single use


Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent	MR Conditional
<b>Blue Sensor 2300</b> 	Resting	Solid	Polymer	34 x 23	Fish tail	24	Yes	Yes
Reference Numbers	Connector type	Pcs/liner	Units/pouch	Units/box	Units/carton			
BS-TAB-2300/100	Tab	10	100	500	5000			


Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>BlueSensor BR</b> 	Neonatal	Solid	Cloth	28 x 20	Duck-foot	18	Yes
Reference Numbers	Connector type	Lead wire length (cm)	Colour of wires	Pcs/liner	Units/pouch	Units/box	Units/carton
BR-50-A/12	4 mm	50	○	3	12	600	1200
BR-50-K/12	1,5 mm	50	○	3	12	600	1200
BR-50-K/3	1,5 mm	50	○	3	3	600	1200
BR-50-K/EU/12	1,5 mm	50	●●●○	3	12	600	1200
BR-50-K/US/3	1,5 mm	50	●●○	3	3	600	1200
BR-80-A/12	4 mm	80	○	3	12	600	1200
BR-80-K/12	1,5 mm	80	○	3	12	600	1200
BR-100-F/C4/4	3 mm	100	●●●●	4	4	600	1200
BR-100-F/C6/6	3 mm	100	●●●●●●	6	6	600	1200
BR-100-K/12	1,5 mm	100	○	3	12	600	1200
BR-100-K/C3/3	1,5 mm	100	●●●	3	3	600	1200
BR-100-K/C4/4	1,5 mm	100	●●●●	4	4	600	1200
BR-100-K/C6/6	1,5 mm	100	●●●●●●	6	6	600	1200
BR-170-K/C4/4	1,5 mm	170	●●●●	4	4	600	1200
BR-170-K/C6/6	1,5 mm	170	●●●●●●	6	6	600	1200

Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>BlueSensor BRS</b> 	Neonatal	Solid	Cloth	16 x 19	Duck-foot	18	Yes
Reference Numbers	Connector type	Lead wire length (cm)	Colour of wires	Pcs/liner	Units/pouch	Units/box	Units/carton
BRS-50-A/12	4 mm	50	○	3	12	600	1200
BRS-50-K/12	1,5 mm	50	○	3	12	600	1200
BRS-50-K/3	1,5 mm	50	○	3	3	600	1200
BRS-50-K/C3/3	1,5 mm	50	●●●	3	3	600	1200
BRS-50-K/EU/12	1,5 mm	50	●●●	3	12	600	1200
BRS-50-K/EU/3	1,5 mm	50	●●●	3	3	600	1200
BRS-50-K/US/3	1,5 mm	50	●●○	3	3	600	1200

Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>Blue Sensor L</b> 	Long-Term	Wet	Microporous	68.2 x 55	Round w/offset	24	No
Reference Numbers	Connector type	Pcs/liner	Units/pouch	Units/box	Units/carton		
L-00-A/25	4 mm	1	25	500	1000		
L-00-S/25	Snap	1	25	500	1000		
L-00-S/5	Snap	1	5	500	1000		

Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>BlueSensor M</b> 	Short-Term	Wet	Polymer	40,8 x 34	Round w/offset	15	No
Reference Numbers	Connector type	Pcs/liner	Units/pouch	Units/box	Units/carton		
M-00-A/50	4 mm	1	50	1000	2000		
M-00-F/50	3 mm	1	50	1000	2000		
M-00-S/50	Snap	1	50	1000	2000		

Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>BlueSensor N</b> 	Paediatric	Wet	Foam	30 x 22 (wired), 44,8 x 22 (non wired)	Oval	24 (non wired), 12 (wired)	No
Reference Numbers	Connector type	Lead wire length (cm)	Colour of wires	Pcs/liner	Units/pouch	Units/box	Units/carton
N-00-A/25	4 mm	None	None	1	25	1000	2000
N-00-F/25	3 mm	None	None	1	25	1000	2000
N-00-S/25	Snap	None	None	1	25	1000	2000
N-10-A/25	4 mm	10	○	1	25	1000	2000
N-10-F/25	3 mm	10	○	1	25	1000	2000
N-50-A/25	4 mm	50	○	1	25	500	1000
N-50-F/25	3 mm	50	○	1	25	500	1000
N-50-K/25	1,5 mm	50	○	1	25	500	1000

Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>BlueSensor NEO X</b> 	Neonatal	Solid	Polyurethane	25 x 20	4-leaf clover	24	Yes
Reference Numbers	Connector type	Lead wire length (cm)	Colour of wires	Pcs/liner	Units/pouch	Units/box	Units/carton
NEOX-60-K/C3/3	1,5 mm	60	●●●	3	3	120	960
NEOX-60-K/EU/3	1,5 mm	60	●●●	3	3	120	960
NEOX-60-K/US/3	1,5 mm	60	●●○	3	3	120	960


Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>BlueSensor NF</b> 	Neonatal	Solid	Cloth	30 x 22 (wired), 44,3 x 22 (non wired)	Oval	24	No
Reference Numbers	Connector type	Lead wire length (cm)	Colour of wires	Pcs/liner	Units/pouch	Units/box	Units/carton
NF-00-F/12	3 mm	None	None	3	12	600	1200
NF-00-S/12	Snap	None	None	3	12	1200	2400
NF-10-A/12	4 mm	10	○	3	12	600	1200
NF-10-F/12	3 mm	10	○	3	12	600	1200
NF-50-A/12	4 mm	50	○	3	12	600	1200
NF-50-F/12	3 mm	50	○	3	12	600	1200
NF-50-J/3	2 mm	50	○	3	3	600	1200
NF-50-J/W/12	2 mm	50	○ (wound)	3	12	600	1200
NF-50-K/12/EU	1,5 mm	50	●●●	3	12	600	1200
NF-50-K/3/EU	1,5 mm	50	●●●	3	3	600	1200
NF-50-K/3/US	1,5 mm	50	●●○	3	3	600	1200
NF-50-K/W/12	1,5 mm	50	○ (wound)	3	12	600	1200
NF-50-K/W/30	1,5 mm	50	○ (wound)	3	30	600	1200


## Connectors and Fittings:





A = 4 mm Connector    F = 3 mm connector    J = 2 mm connector    K = 1.5 mm connector    A = 4 mm fitting    C = Tab    F = 3 mm fitting    S = Stud





Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>Blue Sensor P</b> 	Paediatric / Adult Monitoring	Wet	Foam	40.8 x 34	Round w/offset	15	No
Reference Numbers	Connector type	Pcs/liner	Units/pouch	Units/box	Units/carton		
P-00-A/50	4 mm	1	50	1000	2000		
P-00-F/50	3 mm	1	50	1000	2000		
P-00-S/10	Snap	1	10	1000	2000		
P-00-S/12	Snap	1	12	960	1920		
P-00-S/50	Snap	1	50	1000	2000		


Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>BlueSensor Q</b> 	Short-Term	Wet	Polymer	53.2 x 40 (non wired), 40 x 40 (wired)	Round w/offset	24	No
Reference Numbers	Connector type	Lead wire length (cm)	Colour of wires	Pcs/liner	Units/pouch	Units/box	Units/carton
Q-00-A/25	4 mm	None	None	1	25	500	1000
Q-00-S/25	Snap	None	None	1	25	500	1000
Q-10-A/25	4 mm	10	○	1	25	500	1000
Q-10-F/25	3 mm	10	○	1	25	500	1000
Q-50-K/25	1,5 mm	50	○	1	25	500	1000
Q-100-K/10	1,5 mm	100	○	1	10	500	1000


Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>BlueSensor QR</b> 	Short-Term	Wet	Polymer	40	Round	24	Yes
Reference Numbers	Connector type	Lead wire length (cm)	Colour of wires	Pcs/liner	Units/pouch	Units/box	Units/carton
QR-50-A/10	4 mm	50	○	1	10	500	1000
QR-80-A/10	4 mm	80	○	1	10	500	1000


Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>Blue Sensor R</b> 	Stress Test	Wet	Foam	57 x 48	Round w/offset	24	No
Reference Numbers	Connector type	Pcs/liner	Units/pouch	Units/box	Units/carton		
R-00-A/25	4 mm	1	25	500	1000		
R-00-S/10	Snap	1	10	500	1000		
R-00-S/25	Snap	1	25	500	1000		
R-00-S/3	Snap	1	3	252	504		
R-00-S/4	Snap	1	4	500	1000		
R-00-S/5	Snap	1	5	500	1000		
R-00-S/7	Snap	1	7	504	1008		

Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>Blue Sensor SP</b> 	Stress Test / Short-Term	Wet	Foam	42.5 x 38	Round w/offset	24	No
Reference Numbers	Connector type	Pcs/liner	Units/pouch	Units/box	Units/carton		
SP-00-A/50	4 mm	1	50	1000	2000		
SP-00-S/10	Snap	1	10	1000	2000		
SP-00-S/4	Snap	1	4	500	1000		
SP-00-S/50	Snap	1	50	1000	2000		























Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>Blue Sensor SU</b> 	Resting	Wet	Polymer	49 x 33	Teardrop	24	No
Reference Numbers	Connector type	Pcs/liner	Units/pouch	Units/box	Units/carton		
SU-00-A/60	4 mm	10	60	600	1200		
SU-00-C/100	Tab	10	100	1200	2400		
SU-00-F/60	3 mm	10	60	600	1200		

Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>Blue Sensor T</b> 	Stress Test	Wet	Foam	57 x 35	Round w/offset	24	No
Reference Numbers	Connector type	Pcs/liner	Units/pouch	Units/box	Units/carton		
T-00-A/25	4 mm	1	25	500	1000		
T-00-S/10	Snap	1	10	500	1000		
T-00-S/25	Snap	1	25	500	1000		

Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>BlueSensor VL</b> 	Long-Term	Wet	Microporous	72 x 68	Round w/offset	24	No
Reference Numbers	Connector type	Lead wire length (cm)	Colour of wires	Pcs/liner	Units/pouch	Units/box	Units/carton
VL-00-A/25	4 mm	None	None	1	25	500	1000
VL-00-S/10	Snap	None	None	1	10	500	1000
VL-00-S/25	Snap	None	None	1	25	500	1000
VL-10-A/25	4 mm	10	○	1	25	500	1000
VL-50-A/25	4 mm	50	○	1	25	500	1000
VL-50-K/25	1,5 mm	50	○	1	25	500	1000

Product Name	Application	Gel type	Backing material	Size (mm)	Shape	Shelf life (months)	Radiolucent
<b>BlueSensor VLC</b> 	Long-Term	Wet	Microporous	72 x 68	Round w/offset	15	No
Reference Numbers	Connector type	Pcs/liner	Units/pouch	Units/box	Units/carton		
VLC-00-S/10	Snap	1	10	500	1000		
VLC-00-S/25	Snap	1	25	500	1000		
VLC-00-S/4	Snap	1	4	500	1000		

# WhiteSensor Electrodes for ECG - Single use

Item No.	Application	Patient indication	Gel type	Radio-lucent	MR Conditional*	Backing material	Size (mm)	Shape	Shelf life (mo.)	Connector type	Pcs/liner	Packaging (Pouch/box/carton)	PVC free
 0215M	Resting	Pediatric	Solid	Yes	Yes	Polymer	34 x 13	Fish tail	24	Tab	10	100 / 500 / 5000	Yes
 0315M	Resting	Adult	Solid	Yes	Yes	Polymer	35 x 21	Fish tail	24	Tab	10	100 / 500 / 5000	Yes
 0415M	Resting	Adult	Solid	Yes	Yes	Polymer	34 x 23	Fish tail	24	Tab	10	100 / 500 / 5000	Yes
 0615M	Resting	Adult	Solid	Yes	Yes	Polymer	37 x 26	Functional	24	Tab	10	100 / 500 / 5000	Yes
 0715M	Resting	Adult	Solid	Yes	Yes	Polymer	34 x 26	Fish tail	24	Tab	10	100 / 500 / 5000	Yes
 4530M	Resting	Adult	Wet	Yes	Yes	Foam	32 x 45	Square	24	Fitting 3 mm	5	60 / 300 / 2400	Yes
 4540/4540M	Resting	Adult	Wet	Yes	Yes	Foam	32 x 45	Square	24	Fitting 4 mm	5	60 / 300 / 2400	Yes
 WS	Short-Term	Adult	Solid	No	No	Foam	36 x 40	Teardrop	30	Center snap	1,3,4,5	3, 4, 5, 10, 30, 50 / 600 / 3600, 7200	Yes
 WS/RT	Short-Term	Adult	Solid	Yes	Yes	Foam	36 x 40	Teardrop	24	Center snap	1	50 / 600 / 7200	Yes
 4500M	Short-Term	Adult	Wet	Yes	Yes	Foam	50	Teardrop	24	Center snap	3	30 / 300 / 3000	Yes
 4500M-H	Short-Term	Adult	Wet	No	No	Foam	50	Teardrop	24	Center snap	3	60 / 300 / 3000	Yes
 4535M	Short-Term	Adult	Wet	No	No	Foam	32 x 44	Square	24	Center snap	3	60 / 300 / 3000	Yes
 4831Q	Short-Term	Adult/pediatric	Solid	No	No	Foam	37 x 37	Leaf	24	Center snap	3	60 / 600 / 7200	Yes
 4841P	Short-Term	Adult	Solid	Yes	Yes	Foam	42 x 42	Leaf	24	Center snap	3	60 / 600 / 7200	Yes
 7841P	Short-Term	Adult	Solid	Yes	Yes	Polymer	42 x 42	Leaf	24	Center snap	3	60 / 600 / 7200	Yes
 4570M	Short-Term	Pediatric	Wet	Yes	Yes	Foam	38 x 60	Ergonomic	24	Center snap	3	30 / 300 / 3000	Yes
 CMM	Long-Term	Adult	Solid	No	No	Cloth	50	Round	36	Center snap	1	30 / 1500 / 6000	Yes
 4440M	Long-Term	Adult	Wet	Yes	Yes	Cloth	55	Round	24	Center snap	1	30 / 300 / 3000	No
 40713	Long-Term	Pediatric	Solid	Yes	Yes	Cloth	19 x 38	Rectangle	24	Center snap	3	3 / 300 / 3000	Yes
 4560M	Stress Test	Adult	Wet	No	No	Foam	38 x 60	Ergonomic	24	Center snap	3	60 / 300 / 3000	Yes
 40554	Neonatal	Neonates	Solid	Yes	No	Cloth	22 x 22	Square	24	Wired w/ 1,5 mm connector	3	3 / 300 / 3000	No
 40556	Neonatal	Neonates	Solid	Yes	No	Cloth	22 x 22	Square	24	Wired w/ 4 mm connector	3	3 / 300 / 3000	No

WhiteSensor electrodes are not made with natural rubber latex.

\*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.



## Ambu Profile

Since 1937, breakthrough ideas have fuelled our work on bringing efficient healthcare solutions to life. This is what we create within our fields of excellence – Anaesthesia, Patient Monitoring & Diagnostics, and Emergency Care.

Millions of patients and healthcare professionals worldwide depend on the functionality and performance of our products. We are dedicated to improve patient safety and determined to advance single-use devices.

### Ideas that work for life

The manifestations of our efforts range from early inventions like the Ambu bag and the legendary Blue Sensor® electrodes to our newest landmark solutions like the aScope™ – the world's first single-use flexible video scope.

Our commitment to bring new ideas and superior service to our customers has made Ambu one of the most recognized medical companies in the world.

### Ambu worldwide

Headquartered near Copenhagen in Denmark, Ambu employs approximately 2,250 people in Europe, North America and the Asia Pacific.

For more information, please visit [www.ambu.com](http://www.ambu.com).



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