



Patient Monitoring & Diagnostics Product Catalogue

Ambu Business Areas

- Airway Management
- Patient Monitoring & Diagnostics
- Emergency Care



Ambu's products are sold worldwide. Exports account for 98% of sales, and sales are handled via Ambu's foreign subsidiaries and via distributors.

Headquartered in Ballerup, Denmark, the group has production facilities in Ølstykke, Denmark, in Xiamen, China, and in Penang, Malaysia.

Ambu has just over 1600 employees, of whom approx. 300 work in Denmark and approx. 1300 abroad.

Ambu is listed on the OMX Nordic Exchange Copenhagen.

Index

Ambu Profile	4	Ambu® Electrodes for Neurophysiology.	22
Ambu Academy	5	Neuroline Products Recommended	
Ambu® Quality	6	for Applications	23
A dream of saving lives	6	EMG	25
		Ambu® Neuroline Concentric	25
		EMG Ambu® Neuroline Monopolar.	26
		EMG and Injection	27
		Ambu® Neuroline Inoject	27
		EEG - IOM	28
		Ambu® Neuroline Subdermal and	
		Ambu® Neuroline Twisted Pair Subdermal	28
		Ambu® Neuroline Corkscrew	29
		IOM Stimulation Ambu® Neuroline Probes	30
		EEG - Ambu® Neuroline Cup Electrode	31
		Surface Electrode Ambu® Neuroline 700.	32
		Surface Electrode Ambu® Neuroline 710.	33
		Surface Electrode Ambu® Neuroline Ground	34
		Surface Electrode Ambu® Neuroline 715.	35
		Facial - Ambu® Neuroline 720 Surface Electrodes.	36

■ Patient Monitoring & Diagnostics

Ambu ECG Electrodes.	8
Ambu® Blue Sensor Electrodes	9
Ambu® Blue Sensor	10
How to place Blue Sensor electrodes.	11
Resting ECG/12-lead ECG.	12
Holter, Event Recording	
and Long-term Monitoring	13
Stress Test and Short-term Monitoring	14
Neonatal Monitoring	16
Paediatric Monitoring.	18
Short-term Monitoring	20

Certain products may not be available in some markets.



Ambu Profile

Ambu develops, produces and markets diagnostic and life-supporting devices for hospitals and rescue services. Ever since 1956 when we developed the first self-inflatable resuscitation bag, we have focused on developing products that no one else thought possible. Our goal is to help doctors, paramedics and nurses save lives and improve patient care. To achieve this, we must understand the challenges our clients face, and stay at the forefront of the latest treatments and discoveries in the field of medical devices.

Our business is based on a unique knowledge and close relationships with our customers. We know what their work demands, and we focus on being a world-class supplier by offering creative solutions, robust and uncompromising quality, personal customer support and the ability to execute effectively via our global network.

Three core business areas

Ambu has three business areas: Airway Management, Patient Monitoring & Diagnostics and Emergency Care.

The primary products are ventilation products for artificial respiration, devices for securing airways, electrodes for ECG tests and neurophysiological tests, and manikins for first aid training.

Ambu worldwide

Ambu's headquarters are located in Ballerup, Denmark and has production sites in Ølstykke, Denmark, Malaysia and China. Our products are sold worldwide. Exports account for 98% of sales, and sales are handled via Ambu's foreign subsidiaries or via distributors. Ambu employs approximately 1600 skilled and motivated people, of whom 300 work in Denmark and 1300 abroad.

Ideas that work for life

Simply put, Ambu's formula for success involves three essential components: Finding the right ideas and making them work in hospitals and emergency situations in order to save lives.



We Learn, Teach and Support

Who We Are

In Ambu Academy we are specialists who train all Ambu employees, end-users and distributors on products and applications within our business areas, thereby adding value by increasing their competences.

We Learn

Ambu Academy members have many years of teaching experience, both with Ambu related products and end-users. And we are still learning.

We Teach

Ambu Academy has training experts who can teach in both product specifications and applications.

We Support

Ambu Academy has specialists with practical experience in both product usage and applications and can thereby give qualified support.

Our Offer

Ambu Academy is a mobile department. We can either offer product and application training in one of the Ambu Academy rooms in Denmark and in the subsidiaries, or we can conduct the training locally wherever needed.

Our Resources

Since 2004, in Ambu Academy we have developed specific training programs and materials for all our products and applications. We have presentations, photos, animations, videos, clinical documentations, references and professional advisors to create customized training programs at different levels, according to specific customer needs.

We have an internet based e-learning platform where we create the courses, that can be accessible by anyone, anywhere, at anytime. The courses are continuously updated to include all relevant information.



Ambu[®] Quality

Ambu products are developed and manufactured to meet all relevant internationally recognised quality standards.

Our entire organisation is committed to supply products that match the high expectations of users and patients, and which conform fully with the requirements defined by standards and regulations.

The Ambu Quality System operates under continuing assessment by notified bodies for maintaining ISO 13485 Quality System certification, and is subject to regular inspections by regulatory authorities for conformity to worldwide medical device regulations.

Our commitment to quality includes a continuous effort to improve products and processes to stay ahead of the ever-increasing demands feedback from our customers.



A dream of saving lives

The history of Ambu started as a dream. A dream of developing products that could help save lives. It was in 1937 that Holger Hesse, a Danish doctor, laid down the most important foundation of all – the ambition of making a difference and saving lives.

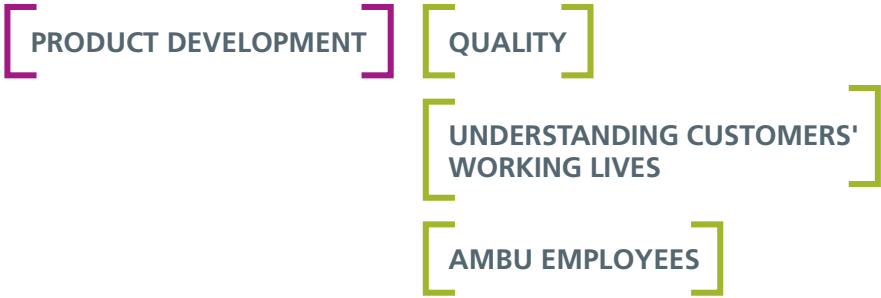
Over 70 years later, this ambition is more alive than ever. Ambu's most important task is to develop products which change routines for customers, make their work more productive and thereby improve caring for patients.

Vision

We meet our targets by constantly focusing on quality, product development and understanding the working lives of our

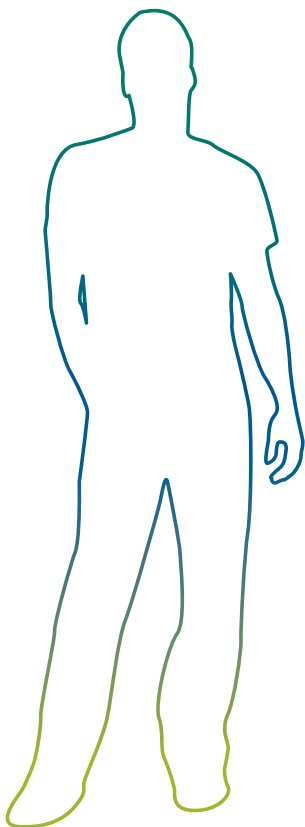
employees and customers. This is the basis of our work and reflected in our vision.

[IDEAS THAT WORK FOR LIFE]



Business areas

Ambu develops, produces and markets diagnostic and life-supporting equipment and solutions to hospitals and rescue services.



- Airway Management**

Products: Masks for artificial ventilation and scopes for intubation

Users: Hospitals and Clinics
- Patient Monitoring & Diagnostics**

Products: Single-use electrodes and sensors for measuring heart signals and diagnosing diseases in nerves and muscles

Users: Hospitals, clinics, ambulance services and sleep laboratories
- Emergency Care**

Products: Resuscitators, collars and manikins for first aid

Users: Hospitals, ambulance services, aid organisations and armed forces



Ambu ECG Electrodes










In 1971 Jan Rasmussen, a young Danish engineer, recognised the need for an electrode which was better than those on the market at that time, in terms of both ECG trace quality and adhesion. He created a unique design with the offset connector, silver/silver chloride sensor, wet gel and double ring adhesive – features which still characterise the Ambu Blue Sensor products today. The main partner during the design process

was the University Hospital of Copenhagen, with whom this longstanding relationship still exists. This electrode became the world famous Ambu® Blue Sensor.

Mr. Rasmussen founded Medicotest and launched a range of innovative, high quality, single-patient use electrodes for various medical applications. In 2001 Ambu International A/S acquired Medicotest A/S.



Ambu® Blue Sensor Electrodes

ELECTRODES	REFERENCE	SIZE (MM)	FEATURES	CONNECTORS	RECOMMENDED APPLICATIONS	PAGE
	R T SP	57 x 48 57 x 35 42 x 38	Offset connector Wet gel Foam backing	A S	Stress Test / EMS Short-term monitoring	Page 14 Page 15
	M P Q	40 x 34 40 x 34 53 x 40	Offset connector Wet gel Foam/polymer backing	A F S	Short monitoring	Page 15 Page 18
	QR	40 x 40	Radiolucent Wet gel Superior adhesion Pre-attached leadwire	A	Short-term monitoring Radiolucent	Page 15
	L VL VLC	68 x 55 72 x 68 72 x 68	Offset connector Wet gel Double ring adhesive Microporous backing	S A	Holter Long-term monitoring Event Recording	Page 13
	SU	49 x 33	Offset connector Wet gel Polymer backing	A F C	Resting ECG	Page 12
	N	44 x 22	Offset connector Wet gel Foam backing Pre-attached leadwire available	A F K S	Neonatal Paediatrics	Page 18
	NF	44 x 22	Solid gel Repositionable Soft cloth backing Pre-attached leadwire available	A F K S	Neonatal Paediatrics	Page 17
	BR BRS	28 x 20 16 x 19	Solid gel Soft cloth backing Radiotranslucent Special shape Pre-attached leadwire	A K	Neonatal Paediatrics	Page 17
	NEOX	25 x 20	Small size Butterfly shape Thin profile Tab application system Long-term adhesion	K	Neonatal	Page 16

Ambu® Blue Sensor

Ambu Blue Sensor products were originally designed for diagnostic ECG procedures, such as Holter, Stress Test, and 12-lead ECG. They are not only the best performing single-patient electrodes on the market, but they also consistently provide extra value. A unique construction, advanced production methods, original design and proven quality make Ambu Blue

Sensor electrodes the most reliable and cost-effective on the market. Their design and construction is based on an electrode heritage of 40 years. Ambu has always prioritised innovation over cost, and our electrodes are now recognized worldwide as the high-quality electrode for both diagnostic and monitoring applications.

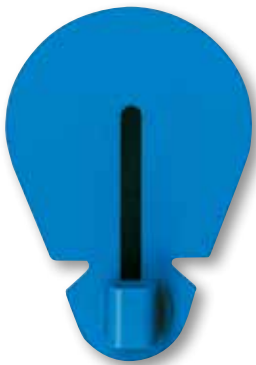
Clear and reliable ECG trace quality

Ambu Blue Sensor electrodes were the first on the market with an offset connector, thus meeting customer needs for a connector positioned away from the sensor area, unlike many centre stud electrodes on the market.

The advantages of the offset connector are:

- Reduction of (movement) artefact
- Instant and precise diagnosis, ensuring that vital tests need not to be repeated
- Easier handling of the electrodes
- Eliminates patient discomfort, as clinicians do not need to press down on the patient's chest when applying the electrodes
- Gel area is not exposed to pressure when the cables are connected
- No risk of spreading wet gel into the adhesive area

Electrodes are often pulled about due to a patient moving or fidgeting, or the cables being tugged. With centre stud electrodes this would result in the sensor area being pulled away from a patient's skin, resulting in a disrupted recording, movement artefact and false alarms. With an offset connector electrode the connector is positioned away from the sensor area of the electrode, meaning that if a patient moves or fidgets or if the cables are pulled, only the connector will move, not the sensor area. This design feature ensures that there is no disruption to an ECG recording, there is no interference or artefact and there are no false alarms. Which ultimately saves time, money and frustration.



Blue Sensor SU



Blue Sensor NEO X

The right electrode for each test

To obtain a reliable and accurate ECG reading that you can depend on, the electrode must be specific to the application. That is why Ambu offers a complete

range of electrodes that are designed, developed and manufactured in close co-operation with the medical community.

Skin care for every patient

Most of Blue Sensor electrodes utilise a wet gel for lowest impedance and best trace quality. However, neonatal electrodes and White Sensor have solid gel

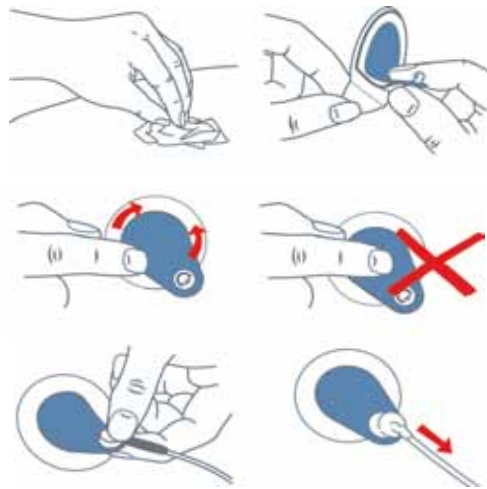
which is more suitable for babies' skin and fast placement in short term monitoring applications.



How to place Blue Sensor electrodes

To ensure a lasting accurate ECG signal, careful positioning is important:

- Wipe wet, greasy, dark or thick skin using a dry cloth or napkin, thus removing dead skin and increasing blood circulation. A fast and accurate signal will be obtained.
- Remove the electrode from the backing material
- Run a finger around the outside of each electrode without touching its centre thus preventing the gel from spreading onto the adhesive area and ensuring that the electrode stays in place
- Position the electrode so that when connected to the monitor cable, the electrode is directly in line with the cable



How to read Ambu Blue Sensor reference numbers

Example:

REFERENCE	NF-	10-	A/	EU/	3
	Electrode type	Leadwire length (cm)	Connector type	Optional coloured leadwires, European or American standard	Number of electrodes per bag



CONNECTORS AND FITTINGS:



A = 4 mm Connector F = 3 mm connector J = 2 mm connector K = 1.5 mm connector SC = 0.7 mm connector



A = 4 mm fitting C = Tab F = 3 mm fitting S = Stud

Resting ECG/12-lead ECG

Electrodes recommended

- Ambu Blue Sensor SU
- Ambu Blue Sensor N – for Paediatric patients (see page 18)

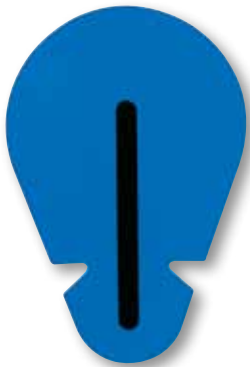


Resting or 12-lead ECG is performed as a routine in many hospital departments, eg: Accident/Emergency and Cardiac Care Units. This is the most common

type of test and is used to register a diagnostic ECG to help detect conditions such as blocks, hypertrophy, or post myocardial infarction morphologies.

Main Benefits of Ambu Blue Sensor Electrodes

- **Excellent trace quality**
The Blue Sensor design with offset connector and wet gel ensures clear recordings for a precise diagnosis.
- **Superior adhesion**
Blue Sensor electrodes have an excellent adhesive keeping them securely in place throughout the procedure, even for repetitive tests.
- **Direct connection to different cable types**
Blue Sensor electrodes have various connectors that fit directly to all available ECG cables.
- **Saving time and resources**
The electrodes can be accurately positioned fast and easily, reducing the need for skin preparation, hence saving time and money.



Blue Sensor SU-00-C



Blue Sensor SU-00-A



Blue Sensor Tab

ORDERING INFORMATION	POUCH	INNER BOX	OUTER BOX	CAT. NO.
SU A-fitting	60 pcs.	600 pcs.	1200 pcs.	SU-00-A/60
SU C (clip)	100 pcs.	1200 pcs.	2400 pcs.	SU-00-C/100
Blue Sensor Tab	100 pcs.	500 pcs.	5000 pcs.	BS-Tab-2300/100

Minimum order: outer box

Holter, Event Recording and Long-term Monitoring



Holter monitoring is a long-term diagnostic procedure that is carried out on ambulatory patients who experience episodic palpitations or arrhythmias. Event Recording is a diagnostic monitoring procedure that is performed over an extended time on patients who experience transient or infrequent arrhythmias.

Long-term monitoring is typically performed continuously in Intensive Care Units, Neonatal Intensive Care Units, High Dependency Units, and Coronary Care Units. Some patients stay for extended periods and will require continuous ECG monitoring. All minor details of the ECG trace will be investigated as they may be indicators for cardiac problems.

Electrodes recommended

- Ambu Blue Sensor VL/L
- Ambu Blue Sensor VLC - A special hypoallergenic electrode to minimise the risk of skin reactions

Main Benefits of Ambu Blue Sensor Electrodes

■ Excellent trace quality

The Blue Sensor design with offset connector and wet gel ensures clear recordings for a precise diagnosis.

■ Superior adhesion

Blue Sensor electrodes have a double ring adhesive to ensure they stay firmly in place during long-term procedures.

■ Skin care

The soft weave of the backing material allows the skin to breathe, which is important as it minimizes the occurrence of skin reactions. The microporous backing is also exceptionally comfortable to wear over longer periods of time.



Blue Sensor L-00-S

ORDERING INFORMATION	POUCH	INNER BOX	OUTER BOX	CAT. NO.
L stud	25 pcs.	500 pcs.	1000 pcs.	L-00-S/25
VL stud	25 pcs.	500 pcs.	1000 pcs.	VL-00-S/25
VL A-connector, 50 cm lead wire	25 pcs.	500 pcs.	1000 pcs.	VL-50-A/25
VL K-connector, 50 cm lead wire	25 pcs.	500 pcs.	1000 pcs.	VL-50-K/25
VLC stud	25 pcs.	500 pcs.	1000 pcs.	VLC-00-S/25

Minimum order: outer box



Blue Sensor VL



Blue Sensor VLC

Stress Test and Short-term Monitoring

Electrodes recommended

- Ambu Blue Sensor R
- Ambu Blue Sensor SP
- Ambu Blue Sensor T - Oblong shape
- Ambu Blue Sensor Q
- Ambu Blue Sensor M - Small size
- Ambu Blue Sensor QR - Radiolucent



A Stress Test is a diagnostic procedure performed in Cardiology Departments and Clinical Investigations Departments, to give Cardiologists more information about how the heart functions during exercise. It is mostly carried out on patients with known or suspected

heart disease or angina, to determine the severity and possible requirement for further treatment. Short-term monitoring is typically done continuously in Operating Rooms and Emergency situations, to ensure any problems are quickly identified and rectified.



Blue Sensor R-00-S



Blue Sensor T-00-S

Main Benefits of Ambu Blue Sensor Electrodes

- **Excellent trace quality**
The Blue Sensor design with offset connector and wet gel ensures clear recordings for a precise diagnosis.
- **Fast and easy to use**
The soft foam backing material is gentle on the skin, and allows fast and easy placement and removal of electrodes.
- **Superior adhesion**
Blue Sensor electrodes have an excellent adhesive, so they stay securely in place throughout the procedure, even when the patient is sweating and moving.

ORDERING INFORMATION	POUCH	INNER BOX	OUTER BOX	CAT. NO.
R stud	3 pcs.	252 pcs.	504 pcs.	R-00-S/3
R stud	25 pcs.	500 pcs.	1000 pcs.	R-00-S/25
R A-fitting	25 pcs.	500 pcs.	1000 pcs.	R-00-A/25
T stud	25 pcs.	500 pcs.	1000 pcs.	T-00-S/25
T A-fitting	25 pcs.	500 pcs.	1000 pcs.	T-00-A/25

Minimum order: outer box



Blue Sensor SP-00-S



Blue Sensor Q-00-S



Blue Sensor M-00-S

ORDERING INFORMATION	POUCH	INNER BOX	OUTER BOX	CAT. NO.
SP stud	50 pcs.	1000 pcs.	2000 pcs.	SP-00-S/50
SP A-fitting	50 pcs.	1000 pcs.	2000 pcs.	SP-00-A/50
Q stud	25 pcs.	500 pcs.	1000 pcs.	Q-00-S/25
Q A-fitting	25 pcs.	500 pcs.	1000 pcs.	Q-00-A/25
Q K-connector	25 pcs.	500 pcs.	1000 pcs.	Q-50-K/25
QR A-connector, 50 cm lead wire	10 pcs.	500 pcs.	1000 pcs.	QR-50-A/10
QR A-connector, 80 cm lead wire	10 pcs.	500 pcs.	1000 pcs.	QR-80-A/10
M stud	50 pcs.	1000 pcs.	2000 pcs.	M-00-S/50
M A-fitting	50 pcs.	1000 pcs.	2000 pcs.	M-00-A/50
M F-fitting	50 pcs.	1000 pcs.	2000 pcs.	M-00-F/50

Minimum order: outer box

Neonatal Monitoring

Electrodes recommended

- Ambu Blue Sensor NEO X
- Ambu Blue Sensor BRS
- Ambu Blue Sensor BR – Larger size
- Ambu Blue Sensor NF



Neonatal monitoring is performed continuously on babies who need special treatment in Neonatal Intensive Care Units. It is common for premature babies to need not only ECG monitoring but also

treatment in incubators at 37°C with high humidity. Blue Sensor ECG electrodes can additionally be used to measure respiratory frequency. In some cases a resting ECG may also need to be performed on cardiac patients.

Main Benefits of Ambu Blue Sensor Electrodes



Blue Sensor NEO X

■ Excellent trace quality

The Blue Sensor design with silver/silver chloride sensor and highly conductive solid gel ensures clear recordings for a precise diagnosis.

■ Superior adhesion

The Blue Sensor electrodes have a solid gel with excellent adhesive, so the electrodes stay securely in place throughout the procedure, even when used in extreme temperature and humidity conditions inside the incubator.

■ Skin care

The soft cloth backing material is gentle to avoid damaging a baby's delicate skin. The skin-friendly solid gel minimizes epidermal stripping.

■ Minimal handling

Blue Sensor NEO X and BRS electrodes and leadwires are radiolucent, so there is no need to either remove the electrodes or touch the neonate during x-ray procedures.

ORDERING INFORMATION

	POUCH	INNER BOX	OUTER BOX	CAT. NO.
NEOX K-connector, 60 cm (red, yellow, black) lead wire	3 pcs.	120 pcs.	960 pcs.	NEOX-60-K/EU/3
NEOX K-connector, 60 cm (green, white, black) lead wire	3 pcs.	120 pcs.	960 pcs.	NEOX-60-K/US/3
NEOX K-connector, 60 cm (red, yellow, green) lead wire	3 pcs.	120 pcs.	960 pcs.	NEOX-60-K/C3/3

Minimum order: outer box



ORDERING INFORMATION

	POUCH	INNER BOX	OUTER BOX	CAT. NO.
BR A-connector, 50 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	BR-50-A/12
BR A-connector, 50 cm lead wire	3 pcs.	600 pcs.	1200 pcs.	BR-50-A/3
BR K-connector, 50 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	BR-50-K/12
BR K-connector, 50 cm lead wire	3 pcs.	600 pcs.	1200 pcs.	BR-50-K/3
BR K-connector, 50 cm ■■■ lead wire	12 pcs.	600 pcs.	1200 pcs.	BR-50-K/EU/12
BR A-connector, 80 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	BR-80-A/12
BR K-connector, 80 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	BR-80-K/12
BRS A-connector, 50 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	BRS-50-A/12
BRS K-connector, 50 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	BRS-50-K/12
BRS K-connector, 50 cm ■■■ lead wire	12 pcs.	600 pcs.	1200 pcs.	BRS-50-K/EU/12
BRS K-connector, 50 cm ■■■ lead wire	3 pcs.	600 pcs.	1200 pcs.	BRS-50-K/EU/3
NF stud	12 pcs.	1200 pcs.	2400 pcs.	NF-00-S/12
NF A-connector, 10 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	NF-10-A/12
NF A-connector, 50 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	NF-50-A/12
NF A-connector, 50 cm lead wire	3 pcs.	600 pcs.	1200 pcs.	NF-50-A/3
NF J-connector, 50 cm lead wire	3 pcs.	600 pcs.	1200 pcs.	NF-50-J/3
NF F-connector, 50 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	NF-50-F/12
NF K-connector, 50 cm ■■■ lead wire	12 pcs.	600 pcs.	1200 pcs.	NF-50-K/EU/12
NF K-connector, 50 cm ■■■ lead wire	3 pcs.	600 pcs.	1200 pcs.	NF-50-K/EU/3
NF J-connector, 50 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	NF-50-J/W/12
NF K-connector, 50 cm lead wire	12 pcs.	600 pcs.	1200 pcs.	NF-50-K/W/12
NF K-connector, 50 cm lead wire	30 pcs.	600 pcs.	1200 pcs.	NF-50-K/W/30
NF K-connector, 50 cm ■■□ lead wire	12 pcs.	600 pcs.	1200 pcs.	NF-50-K/US/12

Minimum order: outer box



Blue Sensor BR



Blue Sensor BRS



Blue Sensor NF-XX



Blue Sensor NF-00-S

Paediatric Monitoring

Electrodes recommended

- Ambu Blue Sensor N
- Ambu Blue Sensor P



Paediatric monitoring is performed continuously on children who need special treatment in Paediatric Intensive Care Units. Cardiac patients may also

require diagnostic procedures, such as Holter and Stress test.



Blue Sensor N-00-S



Blue Sensor N



Blue Sensor P-00-S

Main Benefits of Ambu Blue Sensor Electrodes

■ Excellent trace quality

The Blue Sensor design with offset connector and wet gel ensures clear recordings for a precise diagnosis.

■ Superior adhesion

Blue Sensor electrodes have an excellent adhesive, so the electrodes stay securely in place throughout the procedure, even when the patient is moving.

■ Fast and easy to use

The soft foam backing material is gentle on the skin, and allows fast and easy placement and removal of electrodes.

The offset connector allows a gentle and easy connection, without pressing on the patient's chest.

ORDERING INFORMATION	POUCH	INNER BOX	OUTER BOX	CAT. NO.
N stud	25 pcs.	1000 pcs.	2000 pcs.	N-00-S/25
N A-fitting	25 pcs.	1000 pcs.	2000 pcs.	N-00-A/25
N F-fitting	25 pcs.	1000 pcs.	2000 pcs.	N-00-F/25
N A-connector, 10 cm lead wire	25 pcs.	1000 pcs.	2000 pcs.	N-10-A/25
N F-connector, 10 cm lead wire	25 pcs.	1000 pcs.	2000 pcs.	N-10-F/25
N A-connector, 50 cm lead wire	25 pcs.	500 pcs.	1000 pcs.	N-50-A/25
N K-connector, 50 cm lead wire	25 pcs.	500 pcs.	1000 pcs.	N-50-K/25
P stud	50 pcs.	1000 pcs.	2000 pcs.	P-00-S/50
P A-fitting	50 pcs.	1000 pcs.	2000 pcs.	P-00-A/50
P F-fitting	50 pcs.	1000 pcs.	2000 pcs.	P-00-F/50

Minimum order: outer box



Short-term Monitoring

Ambu® White Sensor



Ambu White Sensor electrodes are an alternative range of ECG electrodes that have been designed for basic monitoring and standard resting ECG applications.

Their quality and design adequately fulfils the requirements of these products. White Sensor electrodes are well suited for fast placement in short term monitoring applications.

Main Benefits of Ambu White Sensor WS

- **Flexible foam backing**

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

- **Highly conductive solid gel**

The White Sensor WS features a solid gel to ensure a good signal quality during long-term ECG monitoring applications.

- **Superior Adhesion**

White Sensor electrodes have a superior adhesive to ensure that they are securely in place during the procedure.



ORDERING INFORMATION	POUCH	INNER BOX	OUTER BOX	CAT. NO.
WS stud	50 pcs.	600 pcs.	7200 pcs.	WS-00-S/50
Minimum order: outer box				

Main Benefits of Ambu White Sensor CFM

■ Flexible foam backing

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

■ Highly conductive solid gel

The White Sensor CFM features a solid gel to ensure a good signal quality during long-term ECG monitoring applications.

■ Superior Adhesion

White Sensor electrodes have a superior adhesive to ensure that they are securely in place during the procedure.

ORDERING INFORMATION	POUCH	INNER BOX	OUTER BOX	CAT. NO.
CFM stud	50 pcs.	1000 pcs.	2000 pcs.	CFM-00-S/50
Minimum order: outer box				

Leaving range April 2011 and will be replaced with new White Sensor



White Sensor CFM

Main Benefits of Ambu White Sensor CMM

■ Soft cloth backing material

Due to the soft cloth backing material, the electrode ensures ease of use and comfort during application.

■ Highly conductive solid gel

The White Sensor CMM features a strong gel to ensure a good signal quality during long-term ECG monitoring applications.

■ Superior Adhesion

White Sensor electrodes have a superior adhesive to ensure that they are securely in place during the procedure.

ORDERING INFORMATION	POUCH	INNER BOX	OUTER BOX	CAT. NO.
CMM stud	30 pcs.	1500 pcs.	6000 pcs.	CMM-00-S/30
Minimum order: outer box				



White Sensor CMM



Ambu[®] Electrodes for Neurophysiology



Ambu Neuroline single-patient surface and needle electrodes provide the best possible neurological recordings enabling healthcare providers to deliver the best possible patient care. The introduction of innovative products and on-going improvements to the current range ensures that Ambu Neuroline products achieve and maintain their position as one of the world's leading brands of neurological electrodes.

All Ambu Neuroline products have been designed and developed in close co-operation with the medical community so that products are of the

highest quality, helping meet today's tough demands of efficiency and effectiveness. Ambu's disposable electrodes eliminate the risk of cross-contamination and increase efficiency.

Thanks to Ambu Neuroline's unique combination of high-quality products, superior service, and professional information/documentation, our products help medical staff perform their jobs even better. Technicians make more accurate recordings, neurologists make more intelligent diagnoses, and purchasers make more cost-effective choices.

Neuroline Products Recommended for Applications

Concentric Needle Electromyography (EMG)

740 Concentric Needle



Ambu Neuroline Concentric needles for single patient use have been carefully manufactured to give you the greatest possible confidence and reliability.

714 Ground Electrode



The unique design of disposable Ambu Neuroline Ground Electrodes ensures optimum performance and greater convenience throughout the examination.



Monopolar Electromyography (EMG)

742 Monopolar Needle



The Ambu Neuroline Monopolar promises to deliver excellent control and flexibility every time.

714 Ground Electrode



The unique design of disposable Ambu Neuroline Ground Electrodes ensures optimum performance and greater convenience throughout the examination.

700/710 Solid Gel Electrode



Specially developed to meet the growing demands for increased efficiency and patient comfort.



Guided Injection Electromyography (EMG)

744 Inoject Needle



Ambu Neuroline Inoject needles for single patient use have been designed to give you the confidence and reliability you need when injecting Botulinum Toxin.

714 Ground Electrode



The unique design of disposable Ambu Neuroline Ground Electrodes ensures optimum performance and greater convenience throughout the examination.

700/710 Solid Gel Electrode



Specially developed to meet the growing demands for increased efficiency and patient comfort.



Nerve Conduction Studies (NCS)

715 Solid Gel Electrode



The Ambu Neuroline 715, with transparent backing and small recording surface, is the best choice for nerve conduction studies.

714 Ground electrode



The unique design of disposable Ambu Neuroline Ground Electrodes ensures optimum performance and greater convenience throughout the examination.



Electroencephalography (EEG)

726 Cup Electrode



Ambu Neuroline Disposable Cup electrodes both improve departmental efficiency and eliminate the risks of cross infection.

745 Subdermal Needle



Ambu Neuroline Subdermal Needles guarantee accurate and reliable signals each time, every time.



Sleep Studies (PSG)

726 Cup Electrode



Ambu Neuroline Disposable Cup electrodes both improve departmental efficiency and eliminate the risks of cross infection.

720 Wet Gel Electrode



For instant and accurate signals, combined with reliable adhesion.



Evoked Potentials (EP)

700/710 Solid Gel Electrode



Specially developed to meet the growing demands for increased efficiency and patient comfort.

714 Ground Electrode



The unique design of disposable Ambu Neuroline Ground Electrodes ensures optimum performance and greater convenience throughout the examination.

726 Cup Electrode



Ambu Neuroline Disposable Cup electrodes both improve departmental efficiency and eliminate the risks of cross infection.



Intra-Operative Monitoring (IOM)

745 Subdermal Needle



Subdermal Needle Electrodes guarantee accurate and reliable signals each time, every time.

Subdermal Twisted Pairs



When you need a wide range of colour combinations for monitoring.

726 Cup Electrode



Ambu Neuroline Disposable Cup electrodes both improve departmental efficiency and eliminate the risks of cross infection.

714 Ground Electrode



The unique design of disposable Ambu Neuroline Ground Electrodes ensures optimum performance and greater convenience throughout the examination.

720 Wet Gel Electrode



For instant and accurate signals, combined with reliable adhesion.

747 Corkscrew Needle



The corkscrew needle is designed to stay securely in place for EEG or EP monitoring during surgery. It is easy to place and provides a high quality signal.

736 Stimulation Probes

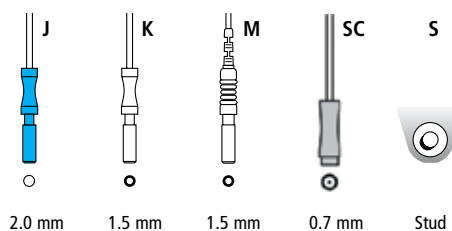


The Neuroline Probes are designed to stimulate nerves during surgery. A variety of probes are available to allow coarse or precise stimulation.



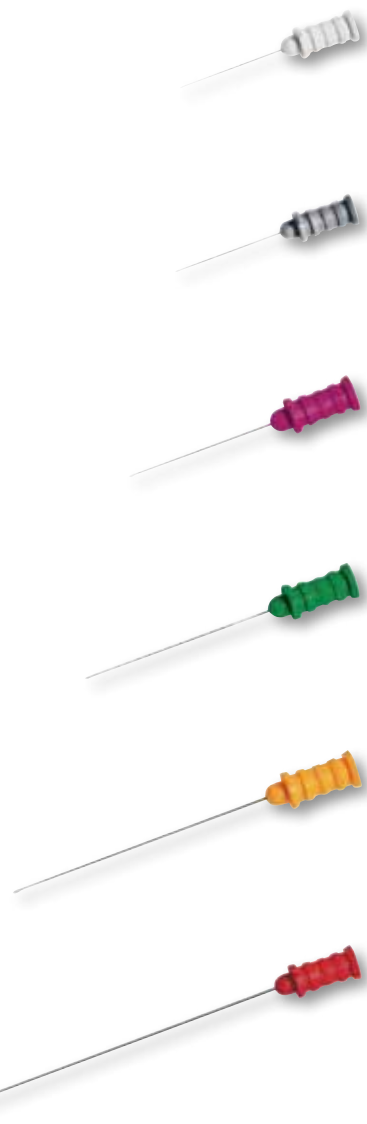
Connectors

Our surface electrodes come with a choice of connectors in order to match your equipment. Please check the availability of each connector below the specific electrode ordering tables.



EMG

Ambu® Neuroline Concentric



Single-patient EMG Needle

Ambu Neuroline Concentric needles, for single patient use, have been carefully manufactured to give you the greatest possible confidence and reliability.

Suitable application

- Electromyography (EMG)

Main features and benefits

■ Accurate and reliable recordings

Ambu's superior robotic production, incorporating a unique control system, ensures that each and every concentric needle uniformly features a high signal quality with low impedance. Precision centering of the inner silver core ensures recordings are both accurate and reliable.

■ Reduced patient discomfort

The needles are outstandingly sharp for smooth skin penetration thus reducing patient discomfort. The cannula has a silky smooth surface for reduced friction when inserting the needle, and minimizes patient discomfort when working in the target area.

■ Easy and secure handling

The hub is ribbed and slightly contoured so that it can be firmly and comfortably held between the thumb and index finger.

■ Ease of use

Orientation-free connection to Ambu Neuroline Concentric cables, for ease of use.

ORDERING INFORMATION

Item No.	Length		Calibre		Shelf life in months (unopened pouches)	Recording area		Packaging	
	mm	inch	mm	gauge no.		mm ²	pouch	box	carton
■ 740 25-30/25	25	1"	0.30	30G	36	0.02	1	25	400
■ 740 25-45/25	25	1"	0.45	26G	36	0.07	1	25	400
■ 740 30-35/25	30	1.2"	0.35	28G	36	0.02	1	25	400
■ 740 38-45/25	38	1.5"	0.45	26G	36	0.07	1	25	400
■ 740 50-45/25	50	2"	0.45	26G	36	0.07	1	25	400
■ 740 75-65/25	75	3"	0.65	23G	36	0.07	1	25	400

Cable with 5 pin DIN connector

AVAILABLE CABLES

Item No.	Lead wire length		Needle socket mm	Connector	Packaging pouch
	cm	inch			
■ 1741	100	40"	1.0	DIN(60130-9)	1
■ 1742	200	80"	1.0	DIN(60130-9)	1



EMG

Ambu® Neuroline Monopolar

Single-patient EMG Needle Electrode

The Ambu Neuroline Monopolar promises to deliver excellent control and flexibility with every use.

Suitable application

- Electromyography (EMG)



Main features and benefits

■ Improved patient comfort

Bevel-cut tip with superior sharpness for low penetration resistance and improved patient comfort. The needles have an ultra-smooth coating which reduces friction when inserting the needle and significantly minimises patient discomfort when working in the target area.

■ Easy and secure handling

The design of the ribbed and ergonomically shaped hub allows easy and secure handling.

■ Convenient sizes and configurations

Available with or without a 76cm (30") pre-attached leadwire for your convenience. Choice of five convenient sizes – to suit all patients and needs.



ORDERING INFORMATION

Needles without lead wires

Item No.	Length		Calibre		Shelf life in months (unopened pouches)	pouch	Packaging	
	mm	inch	mm	N° calibre			box	carton
■ 742 25-36/40	25	1"	0.36	28G	36	1	40	320
■ 742 38-36/40	38	1.5"	0.36	28G	36	1	40	320
■ 742 38-45/40	38	1.5"	0.45	26G	36	1	40	320
■ 742 50-45/40	50	2"	0.45	26G	36	1	40	320
■ 742 75-50/40	75	3"	0.50	25G	36	1	40	320

K- connector - 1.5 mm

Needles with lead wires

Item No.	Length		Calibre		Shelf life in months (unopened pouches)	pouch	Packaging	
	mm	inch	mm	N° calibre			box	carton
■ 743 25-36/40	25	1"	0.36	28G	36	1	40	320
■ 743 38-36/40	38	1.5"	0.36	28G	36	1	40	320
■ 743 38-45/40	38	1.5"	0.45	26G	36	1	40	320
■ 743 50-45/40	50	2"	0.45	26G	36	1	40	320
■ 743 75-50/40	75	3"	0.50	25G	36	1	40	320

K- connector - 1.5 mm

AVAILABLE CABLES

Item No.	Lead wire Length		Needle socket mm	Connector mm	Packaging pouch
	cm	inch			
□ 1744	76	30"	1.0	1.5 (DIN 42 802)	1
□ 1747	100	40"	1.0	1.5 (DIN 42 802)	1



EMG and Injection

Ambu® Neuroline Inoject



Single-patient EMG Needle

Ambu Neuroline Inoject needles, for single patient use, have been designed to give you the confidence and reliability you need when injecting Botulinum Toxin.

Suitable applications

- Electromyography (EMG)
- Botulinum Toxin Injection

Main features and benefits

■ Increased patient comfort

Sharp back bevel cut tip for easier insertion and increased patient comfort.
Made from stainless steel with an ultra-smooth coating to minimise friction and improve patient comfort during insertion.

■ Safe and secure connection

The needle hub has a secure Luer-Lock fitting that provides a secure connection to the syringe, offering safety for both you and your patient.
Pre-attached leadwire with a touch-proof safety connector for secure needle handling.

■ Improved control

Ergonomic hub with an index mark for improved injection control.



ORDERING INFORMATION

Item No.	Length		Calibre		Shelf life in months (unopened pouches)	Packaging		
	mm	inch	mm	gauge no.		pouch	box	carton
■ 744 25-30/10	25	1"	0.30	30G	36	1	10	160
■ 744 30-36/10	30	1.2"	0.36	28G	36	1	10	160
■ 744 35-40/10	35	1.4"	0.40	27G	36	1	10	160
■ 744 38-45/10	38	1.5"	0.45	26G	36	1	10	160
■ 744 50-50/10	50	2"	0.50	25G	36	1	10	160
■ 744 75-55/10	75	3"	0.55	24G	36	1	10	160

K-connector - 1.5 mm

EEG - IOM

Ambu[®] Neuroline Subdermal and Ambu[®] Neuroline Twisted Pair Subdermal

Main features and benefits

Single-patient EEG needle

For easy and secure recording, whilst placed directly in the scalp. Ambu Neuroline Subdermal Needle Electrodes guarantee accurate and reliable signals each time, every time.

Suitable applications

- Evoked Potentials (EP)
- Intra-Operative Monitoring (IOM)
- Electroencephalography (EEG)

■ Smooth skin penetration

The tip of the needle is precision manufactured and cut with an ultra-sharp lancet for smooth skin penetration, offering less discomfort for the patient during insertion.

■ Clear and reliable signal

Low noise and impedance level ensuring a clear and reliable signal. The shrink-tube ensures a stable connection between the cannula and leadwire, offering a reliable electrode for use in critical situations.

■ Easy to use

Available with colour-coded leadwire for easy identification. Ambu Neuroline Twisted Pair Subdermal Needle Electrodes are available in 20 different colour combinations for easy identification of body sections under intraoperative monitoring.

AVAILABLE CONFIGURATIONS SUBDERMAL

Item No.	Lead wire length		Needle length		Calibre mm/ gauge no.	Lead wire colour	Shelf life in months (unopened pouches)	Packaging		
	cm	inch	mm	inch				pouch	box	carton
745 12-50/24	50	20"	12	0.5"	0.40 27G		60	1	24	384
745 12-100/24	100	40"	12	0.5"	0.40 27G		60	1	24	384
745 12-150/24	150	60"	12	0.5"	0.40 27G		60	1	24	384
745 12-250/24	250	100"	12	0.5"	0.40 27G		60	1	24	384

M- connector - 1.5 mm

AVAILABLE CONFIGURATIONS TWISTED PAIR SUBDERMAL

Item No.	Lead wire length		Needle length		Calibre mm/ gauge no.	Lead wire colour	Shelf life in months (unopened pouches)	Packaging		
	cm	inch	mm	inch				pouch	box	carton
74612-100/1/20	100	40"	12	0.5"	0.40 27G		60	1	20	160
74612-150/1/20	150	60"	12	0.5"	0.40 27G		60	1	20	160
74612-200/1/20	200	80"	12	0.5"	0.40 27G		60	1	20	160
74612-250/1/20	250	100"	12	0.5"	0.40 27G		60	1	20	160
74612-100/2/20	100	40"	12	0.5"	0.40 27G		60	1	20	160
74612-150/2/20	150	60"	12	0.5"	0.40 27G		60	1	20	160
74612-200/2/20	200	80"	12	0.5"	0.40 27G		60	1	20	160
74612-250/2/20	250	100"	12	0.5"	0.40 27G		60	1	20	160

M- connector - 1.5 mm

Leadwire colours: 2 different kits each with 5 different colours paired with a black leadwire and the same 5 colours paired with a white leadwire. Each box contains 2 pieces of each pairs.

EEG - IOM

Ambu® Neuroline Corkscrew



Main features and benefits

- Easy to grip hub for easy application
- 100% disposable
- Individual sterile packaging
- 6 easy to identify leadwire colours

The corkscrew needle is designed to stay securely in place for EEG or EP monitoring during surgery. It is easy to place and provides a high quality signal.

Suitable applications

- Electroencephalography (EEG)
- Evoked Potentials (EP)
- Intraoperative Monitoring (IOM)

ORDERING INFORMATION

Item No.	Needle length	Calibre	Lead wire length		Colour	Shelf life in months (unopened pouch)	Packaging		
			cm	inch			pouch	box	carton
74715-60/24	15 mm	0.60 mm - 23 G	120	47"	6 different	36	1	24	1152

24 disposable electrodes with 6 leadwire colours (red, black, blue, yellow, white and green) in one package.



IOM Stimulation

Ambu® Neuroline Probes

Suitable application

- Intraoperative Monitoring (IOM)



Main features and benefits

- Easy to grip handles
- 100% disposable
- Individual sterile packaging

The Neuroline Probes are designed to stimulate nerves during surgery. A variety of probes are available to allow coarse or precise stimulation.

The concentric probe is accurate to approximately 0.5 mm. The probe is designed with an outer anode pole and center cathode pole separated by insulation. Total diameter of the probe shaft is 1 mm. This probe allows for a single bend of up to a 30 degree angle.

102 mm (4") handle length, 102 mm (4") shaft length, 1 mm diameter, circumferential anode tip, flush cathode top



The standard bipolar probe has a fully insulated probe shaft with two 1 mm exposed flush tips. The anode and cathode tips can spread up to 3 mm apart and will penetrate tissue and bone.

102 mm (4") handle length, 102 mm (4") probe length, 3 mm tip separation, 1 mm exposed tip



The standard monopolar probe has a single stimulating electrode and needs a separate needle to act as a return. Used for coarse stimulating of a tumor mass.

102 mm (4") handle length, 102 mm (4") probe length, 0.8 mm diameter, 2 mm exposed flush tip



The pedicle screw probe is a monopolar probe designed to aid in the placement of pedicle screws. It has a 3 mm uninsulated ball on an insulated shaft.

102 mm (4") handle length, 102 mm (4") probe length, 3 mm ball tip uninsulated



ORDERING INFORMATION

		CAT NO
Concentric probe	10 pcs. Per box	73603-190/10
Bipolar probe	10 pcs. Per box	73602-190/10
Monopolar probe	10 pcs. Per box	73601-190/10
Pedicle screw probe	10 pcs. Per box	73600-190/10

EEG

Ambu® Neuroline

Cup Electrode



Single-patient use EEG/EP cup electrode

The Ambu Neuroline single patient cup electrode assures a 100% uniform signal quality, 100% of the time. Not only that, departmental efficiency is improved as time is not wasted by processing and cleaning reusable cup electrodes.

Suitable applications

- Electroencephalography (EEG)
- Evoked Potentials (EP)
- Polysomnography (PSG)

Main features and benefits

■ Best patient care

Single patient use means there is no risk of cross infection, giving peace of mind to medical staff, and the best possible care for patients.

■ Easy to use

Disposable means the convenience of no cleaning after use. Colour-coded leadwires allow easy recognition of each electrode.

■ Reliable recordings

Superior silver/silver chloride sensor ensures a stable signal for reliable recordings. Each cup

electrode has an intact silver/silver chloride layer that will not have been scratched from previous use and has not been exposed to light degradation, ensuring a clear signal every time. Electrodes incorporate pre-attached, tangle-free leadwires to eliminate signal artefact (due to worn connectors) ensuring the best possible signal.

■ Time saving

Fixation ridges on the dome result in a firmer grip and allow the electrodes to be twisted into position, saving time for the user during montage.



ORDERING INFORMATION

Item No.	Lead wire length		Colour	Shelf life in months (unopened/open pouches)		Packaging		
	cm	inch		pouch	box	carton		
726 10-M/10	100	40"		24	1	10	460	920
726 15-M/10	150	60"		24	1	10	460	920
726 20-M/10	200	80"		24	1	10	460	920

M- connector - 1.5 mm

Surface Electrode

Ambu® Neuroline 700

700 Solid Gel Electrode

The Ambu Neuroline 700 is a multipurpose neurology electrode that can be used for all neurological examinations where the electrode is placed outside the hair zone. Ambu Neuroline solid gel electrodes are selfadhesive and easy to reposition. The Ambu Neuroline 700 is small in size making it ideal for examinations of the face, infants and children.

Suitable applications

- Nerve conduction studies (NCS)
- Surface Electromyography (EMG)
- Sleep studies (PSG)
- Electronystagmography (ENG)
- Electro-Oculography (EOG)
- Evoked potentials (EP)
- Intraoperative Monitoring (IOM)



Main features and benefits

■ Signal quality

Silver/silver chloride sensor for optimum signal quality. 'Duck-foot' design minimizes movement artefacts.

■ Patient comfort

Exceptionally soft and flexible for maximum patient comfort.

■ Easy to use

High quality solid gel offers easy repositioning with no gel residue.

■ Different configurations to suit various needs

Lead length available from 10cm to 150cm to suit a wide range of applications.

Available in two sizes:

700: 15mm x 20mm, measuring area: 263mm²

710: 20mm x 28mm, measuring area: 490mm² offering a choice for all situations.



ORDERING INFORMATION

Item No.	Lead wire length		Colour	Shelf life in months		Packaging		
	cm	inch		(unopened)	(open pouches)	pouch	box	carton
700 01-K/12	10	4"	□	18	1	12	240	1920
700 01-SC/12	10	4"	□	18	1	12	240	1920
700 02-K/12	20	8"	□	18	1	12	240	1920
700 05-K/12	50	20"	□	18	1	12	240	1920
700 10-J/12	100	40"	□	18	1	12	120	960
700 10-K/12	100	40"	□	18	1	12	120	960
700 10-K/C/12	100	40"	■ ■ ■ □	18	1	12	120	960
700 15-K/12	150	60"	□	18	1	12	120	960
700 15-K/C/12	150	60"	■ ■ ■ □	18	1	12	120	960
700 20-K/C/4	200	80"	■ ■ ■ □	18	1	4	480	960

Connectors: K - 1.5 mm, SC - 0.7 mm and J - 2.0 mm

Surface Electrode Ambu® Neuroline 710



710 Solid Gel Electrode

The Ambu Neuroline 710 is a multipurpose neurology electrode that can be used for all neurological examinations where the electrode is placed outside the hair zone. Ambu Neuroline solid gel electrodes are self-adhesive and easy to reposition. The Ambu Neuroline 710 is small in size making it ideal for examinations of the face, infants and children.

Suitable applications

- Nerve conduction studies (NCS)
- Surface Electromyography (EMG)
- Sleep studies (PSG)
- Electronystagmography (ENG)
- Electro-Oculography (EOG)
- Evoked potentials (EP)
- Intraoperative Monitoring (IOM)

ORDERING INFORMATION

Item No.	Lead wire length		Colour	Shelf life in months (unopened/open pouches)		Packaging		
	cm	inch		unopened	open pouches	pouch	box	carton
710 01-K/12	10	4"	□	18	1	12	240	1920
710 01-SC/12	10	4"	□	18	1	12	240	1920
710 05-K/C/12	50	20"	■ ■ ■	18	1	12	240	1920
710 10-K/12	100	40"	□	18	1	12	120	960
710 15-K/12	150	60"	□	18	1	12	120	960
710 15-K/C/12	150	60"	■ ■ ■	18	1	12	120	960

Connectors: K - 1.5 mm, SC - 0.7 mm and J - 2.0 mm



Surface Electrode

Ambu® Neuroline Ground

Main benefits

- Concave shape conforms to curves of the body
- Can be repositioned several times
- Optimal signal throughout the examination
- Unique “duck-foot” design ensures optimum adhesion
- Provides ideal balance between adhesion and size
- Convenient quick-release tab for easy repositioning
- No risk of crosscontamination

Recommended Applications

- Surface Electromyography (EMG)
- Nerve Conduction Studies (NCS)
- Evoked Potentials (EP)
- Intraoperative Monitoring (IOM)



The single-patient Ambu Neuroline Ground Electrode for neurological examinations features concave sides to ensure that the electrode easily conforms to the contours of the body. There are no wrinkles to smooth in the flexible backing material, and the overall surface area provides the perfect balance for minimal size and maximum adhesion. Moreover, the unique

“duck-foot” design helps prevent the corners from lifting off as they do on conventional ground electrodes. The convenient green tab makes it easy to grasp the Ambu Neuroline Ground Electrode. This means it can be easily repositioned, without touching the adhesive area. As a result, the same electrode can be used throughout the entire examination.



ORDERING INFORMATION

Item No.	Lead wire length		Colour	Shelf life in months (unopened/open pouches)		Packaging		
	cm	inch		pouch	box	carton		
714 10-M/1	100	40"	■	18	-	1	25	200
714 15-M/1	150	60"	■	18	-	1	25	200

Surface Electrode Ambu® Neuroline 715



Optimal signal quality

The Ambu Neuroline 715 electrode features a high quality silver/silver chloride sensor for optimum signal quality.

Recommended applications

- Nerve Conduction Studies (NCS)
- Surface Electromyography (EMG)
- Evoked Potentials (EP)
- Electronystagmography (ENG)

Main features and benefits

■ Transparent and skin friendly

The sensor area is transparent which enables the user to locate the examination area very precisely. Moreover, the electrode comprises a skin friendly solid gel that allows you to reposition the electrode several times without losing its adhesive power.

■ Colour-coded

The Ambu Neuroline 715 electrode is conveniently available with colour-coded wires and offered with different choices of lead wire lengths.

ORDERING INFORMATION

Item No.	Lead Wire		Colour	Shelf life		Packaging		
	Length			In months		Pouch	Box	Carton
	cm	inch		(unopened/open pouches)				
715 05-K/C/12	50	20"	■ ■ ■	24	1	12	240	1920
715 08-K/C/12	80	32"	■ ■ ■	24	1	12	120	960
715 12-K/C/12	120	48"	■ ■ ■	24	1	12	120	960
715 20-K/C/12	200	79"	■ ■ ■	24	1	12	120	960



Surface Electrodes

Facial - Ambu® Neuroline 720

Suitable applications

- Polysomnography (PSG)
- Intraoperative Monitoring (IOM)
- Electroencephalography (EEG)
- Evoked potentials (EP)



The Ambu Neuroline 720 is a single use self-adhesive electrode featuring a highly conductive wet gel for an instant and stable signal. The strong yet skin-friendly adhesive makes the electrode ideal for sleep studies,

as the electrode stays in place during the entire examination, even if the patient sweats. The highly flexible oblong shaped low profile electrode fits well around the eyes and under the chin.



Main features and benefits

■ Improving patient care

The Ambu Neuroline 720 is a patient-friendly and comfortable alternative to traditional cup electrodes. The strong and yet skin-friendly adhesive combined with flexible materials and a low profile makes the Ambu Neuroline 720 less irritating for the patient.

■ Easy to use

The 'ready to use' electrode is quick to place on the patient and after recording, is easily removed with a firm press on the centre of the electrode. Its strong initial tack ensures that the electrode stays in place and its highly conductive wet gel is ready to pick up signals in seconds. Application of the electrode is both fast and straightforward.

■ Reliable recordings

The combination of silver/silver chloride and wet gel provides stable, low impedance signals throughout the duration of the test. The low profile and strong adhesion ensure that electrodes are not dislodged during sleep studies, even when patients sweat.

■ Time saving

The single use Ambu Neuroline 720 offers efficiency and time saving. The electrode is ready to use from the pouch with no need for conductive gel and paste. Gauze and tape are not required to keep the electrode in place.

ORDERING INFORMATION

Item No.	Lead wire length		Colour	Shelf life in months		Packaging		
	cm	inch		(unopened/open pouches)	pouch	box	carton	
720 01-K/12	10	4"	□	12	1	12	240	1920
720 01-SC/12	10	4"	□	12	1	12	240	1920
720 10-K/10	100	40"	□	12	1	10	420	840
720 15-J/10	150	60"	□	12	1	10	420	840
720 15-K/10	150	60"	□	12	1	10	420	840
720 00-S/25				24	1	25	1000	2000

Connectors: K - 1.5, SC - 0.7 mm, J - 2.0 and S - Stud



Notes

Notes



Notes

Ambu Business Areas

- **Airway Management**
- **Patient Monitoring & Diagnostics**
- **Emergency Care**