

Ambu® BlueSensor NEO X



Ambu® BlueSensor NEO X

Natural design for premature neonatal care. The tiny Ambu BlueSensor NEO X electrode features an innovative skin-friendly gel that ensures an excellent adhesion and optimal signal quality in high humidity environments, inside the incubator.

The unique no-touch application system makes it easy and quick to apply the electrode with gloves. The four-leaf clover shape and flexible, breathable backing ensure reliable performance throughout long-term ECG monitoring.

The sensor and leadwires are radiolucent and made from biocompatible materials.

Specifications

Electrode	
Height	25 mm
Width	20 mm
Skin contact	
Height	25 mm
Width	20 mm
Adhesive area	331 mm ²
Height excluding connector/wire	1,5 mm
Sensor	
Sensor material	Silver/silver chloride
Gel system	Solid gel
Sensor area (in mm ²)	38,5 mm ²
Gel area/measuring area (in mm ²)	38,5 mm ²
Electrical data (ANSI/AAMI)	
AC impedance - typical	600 Ω
DC offset voltage - typical	1.0 mV
Defibrillation overload recovery - typical	13 mV
Rate of change of polarization potential - typical	0.3 mV/s
Combined offset instability and internal noise	<90 µV
Bias current tolerance (over 8 hours)	<15 mV

Environment	
PVC-free electrode	Yes
Electrode not made with natural rubber latex	
PVC-free lead wire	Yes
Wire not made with natural rubber latex	
PVC-free packaging	Yes
Phthalate-free lead wire	Yes
Phthalate-free lead electrode	Yes
X-ray & MRI	
Radiolucent	Yes
MR Conditional	No
Shelf life	
Unopened pouches*	24 months
Opened pouch	24 hours

*from date of production

Connectors



K = 1,5 mm connector

Materials

Electrode	
Bio-compatible	Yes
Sensor	Silver/silver chloride (Ag/AgCl)
Outer carrier	Polyurethane
Outer adhesive	Solid gel
Upper part	Non-woven polypropylene
Lead wire core	Carbon
Lead wire insulation	(TPE) Thermoplastic Elastomer
Lead wire connector	Brass/polypropylene
Liner	Siliconized polyester film

Packaging	
Pouches, inner layer	Polyethylene (PE)
Pouches, centre layer	Aluminium (Al)
Pouches, outer layer	Polyester (PET)
Boxes	Cardboard
Standard Packaging	
Quantity/liner	3
Quantity/pouch	3
Quantity/box	120
Minimum sales	120
Options	
Pre-wired connectors	K = 1,5 mm
Precaution	
Single use only	

Available configurations*

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

■ Product
■ Wire length
■ Connector

* some configurations may not be available worldwide
 ** EU=coloured lead wire: red, yellow, black
 *** US=coloured lead wires: green, black, white
 **** C3=coloured lead wires: red, yellow, green

Ambu A/S
 Baltorpbakken 13
 DK - 2750 Ballerup
 Denmark
 Tel. +45 7225 2000
 Fax +45 7225 2053
 www.ambu.com