

DATASHEET

The extra large Ambu BlueSensor L features conductive wet gel, offset connector and a combination of fast and long-term adhesives for contact and stable signals throughout the monitoring period.

Thanks to the low-profile microporous material, skin is able to breathe and the electrode remains comfortable to wear over long periods.

Key benefits

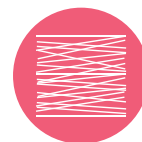
- Offset connector mitigates the impact on signal quality from external forces like pulling of lead wires and pressure on electrodes
- Offset connector allows the user to connect and disconnect the lead wire without applying pressure to the patient or the sensor area, which reduces the risk of gel spreading and adhesive detachment from skin
- Conductive wet gel lowers skin impedance effectively and immediately
- Wet gel optimizes contact between skin and electrode
- Combination of fast and long-term adhesives secures fixation and a stable signal
- Thin microporous backing material allows the skin to breathe
- Ag/AgCl sensor ensures stable signal quality
- Visible release liner can help prevent medical accidents for both users and patients

Ambu® BlueSensor L

ECG Electrode
Single use



Wet gel



Microporous backing



Double ring adhesive



Silver sensor



Breathable backing

BlueSensor

Ambu

SPECIFICATIONS

Dimensions

| | |
|---------------------------------------|---------|
| Electrode size (length x width in mm) | 68 x 55 |
| Skin contact size (diameter in mm) | 55 |
| Adhesive area (in mm ²) | 2121 |

Sensor

| | |
|---|----------------------------------|
| Sensor material | Silver/silver chloride (Ag/AgCl) |
| Gel system | Wet gel |
| Gel area/measuring area (in mm ²) | 254 |

Electrical data (ANSI/AAMI)

| | |
|--|------------|
| AC impedance - typical | 550 Ω |
| DC offset voltage - typical | 3.1 mV |
| Defibrillation overload recovery - typical | 8.7 mV |
| Rate of change of polarization potential | -0.17 mV/s |
| Combined offset instability and internal noise | 2.6 μV |
| Bias current tolerance (over 8 hours) | 4.1 mV |

MATERIALS

Electrode

| | |
|------------------|--------------------------------------|
| Bio-compatible | Yes |
| Sponge | Polyurethane foam (PUR) |
| Backing material | Microporous tape (non-woven rayon) |
| Skin adhesive | Acrylate |
| Inner carrier | Polyvinyl chloride film (PVC) |
| Upper part | Polyvinyl chloride film (PVC) |
| Fitting | Polypropylene (PP) |
| Connector (stud) | Nickel-plated brass |
| Release liner | Polyester/polyethylene film (PET/PE) |

AVAILABLE CONFIGURATIONS*

| Reference number | Units/liner | Units/pouch | Units/inner box | Units/outer box |
|------------------|-------------|-------------|-----------------|-----------------|
| L-00-S/5 | 1 | 5 | 500 | 1000 |
| L-00-A/25 | 1 | 5 | 500 | 1000 |
| L-00-S/25 | 1 | 25 | 500 | 1000 |

L-00-S ■ Product ■ Wire length ■ Connector

*some configurations may not be available worldwide

CONNECTORS



S = Stud



A = 4 mm fitting

FEATURES



Printed release liner

Environment

Electrode is not made with natural rubber latex

Packaging is PVC-free

X-ray & MRI

| | |
|----------------|----|
| Radiolucent | No |
| MR Conditional | No |

Shelf life

| | |
|--------------------|-----------|
| Opened pouches | 1 month |
| Unopened pouches * | 24 months |

*from date of production

Packaging

| | |
|-----------------------------------|--|
| Pouch (outer/middle/inner layers) | Polyester/ Aluminium/ Polyethylene |
| Boxes | Cardboard |

Options

Non-wired connectors S, A

Precaution

Single use only

Ambu

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