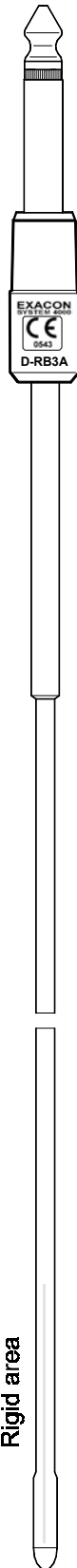


Infant Rectal Temperature Sensor

- D-RB3 series without locking flange -

High quality reusable rectal sensor for patient surveillance during surgical operation and intensive care



Application

The D-RB3 series, is designed for rectal measurements of infants from about two years of age. It has a smooth tip area without securing flange, but the first few centimetres are made semi rigid in order to lighten the introduction. The probe is matching with most brands of integrated patient monitoring systems and electronic stand-alone temperature monitors. It is recommended to apply disposable rectal covers during use.

Product description

Connector:

As standard available with the type A, JK, HP and SA connectors
Other connector types are available upon request.

Available for OEM:

With printing upon request

Cable:

3 mm black medical grade silicone tubing, with a freely moveable inner shielded cable. Shield attached to connector body terminal.

Cable lengths available:

Primary standard 2,75 m - Secondary standards 1,5 and 4,5 m
Other lengths are available upon request.

Electrode tip:

ø3 mm hard polyacetal tip without securing flange.
The housing protects the thermistor against mechanical stress.

Electrical data

Measuring reference:

2252 ohms at 25°C. see table

Measuring accuracy:

0...25°C ±0,2°C
25...50°C ±0,1°C

Insulation:

2,1kVp - **Defibrillation to 5kVp**

Maintenance

Cleaning

The temperature probe can be cleaned with ordinary detergents either by wiping it clean with a soft cloth or brush.

Disinfecting

Without changing the features of the soft and smooth structure, the probes are accepting all generally applied hospital disinfectants such as ethanol, isopropyl alcohol or chlorite compounds.

Typical examples:

- Disinfect the cleaned probe with a disinfectant such as
- A. Rodalon™, Cidex™.
- B. 1 - 2,5% Formaldehyde solution.
- C. 70% Alcohol, 0,5% Chlorexidine, 29,5% H₂O

Steam sterilisation, A- HP- and SA-versions

Steam autoclave at 121°C (250°F) in standard cycles of 20 min.

Standards applied:

PTB approved, DIN13402, EN12470-4, EN60601, IEC601-1.

CE-marking in class IIb:

Approved upon the Council Directive 93/42/EEC Annex II, section 3.2
Full quality assurance system certificate EN ISO9001 and EN46001



Class IIb