



PSG

DISPOSABLE AIRFLOW THERMAL SENSOR



UMDNS

11485

Description

Spes Medica offers a complete range of Airflow thermal sensor. Our sensors are known as the most precise and durable on the market. Thermocouple sensors are designed for use during sleep disorder studies, detecting respiration airflow.

- Developed to have the best precision and the patient's highest comfort;
- They are provided with 200 cm lead wire and 1,5 mm Touch proof connectors.

Materials

| | |
|-------------|-------------------------|
| Sensor | PFA |
| Sensor body | PET |
| Leadwire | Cu/Sn with PVC jacket |
| Connector | CuZn/Au with PVC jacket |
| Packaging | AL/PE |

Safety

| | |
|--|-----|
| Biocompatibility (UNI EN ISO 10993) | Yes |
| Latex | No |
| Phthalates | No |

Specifications

| | |
|-----------------|-----------------------|
| Generic code | AIRFXXXXXXD |
| Channel numbers | 1 ÷ 3 |
| Sizes | Adult |
| Cable length | 200 cm |
| Connector | Touch proof DIN 42802 |

Technical specification

| | |
|------------------|---|
| Signal amplitude | 400 mV peak to peak <i>(the signal amplitude may can differ according to sensor placement, body movements, magnitude of vibrations and device settings)</i> |
| Output impedance | 1,2 Mohm DC (static) |

| | |
|---------------------------|---|
| Cleaning and disinfection | Clean with alcohol or solution of the disinfecting materials normally used in Hospital diluted at 2%, using a wet cotton bud. |
|---------------------------|---|

DO NOT DEEP THE SENSOR AND CONNECTORS INTO ANY LIQUID

Environment

| | |
|---------|---|
| RoHS II | ✓ |
| REACH | ✓ |

Different configurations available on request