

NIBP2010

OEM non-invasive blood pressure module
with optional SpO₂ Chipox® combination



Measurement system for oscilloscopic and non-invasive blood pressure measurement for neonates through to adults.

Accurate:

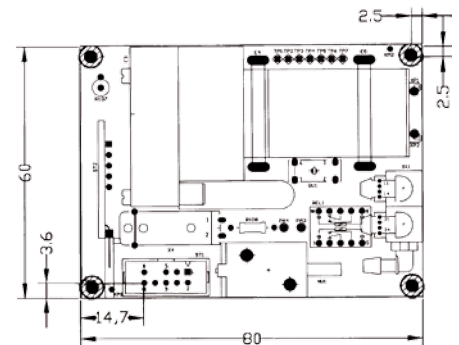
Step-down cuff deflation as the basis for improved motion artefact reduction.

Fast:

Measured results are given quickly, also under weak conditions, such as during transport or patient movements.

Standards

EN 60601-1 + A1 + A2
EN 60601-1-2
EN 55011, Class B
EN 60601-2-30
EN 1060-1
EN 1060-3
DIN 58130



| Technical Data (Specifications) | |
|--|---|
| Module dimensions | 80 x 60 x max 25 mm (l x w x h) |
| Weight | 107g |
| Operating voltage | +5 VDC (4.8 V... 7.0 V) or +12 VDC (11.0 V...13.0 V) |
| Max. operating current | 750mA (5 V), 500mA (12 V) |
| Power down - mode less than 1mA | |
| Temperature range | +10°C...+55°C |
| Relative humidity | 30...75%, 90% non condensing |
| Atmospheric pressure | 700...1060 mbar |
| Operating mode | non-supervised continuous operation |
| Type of measurement | oscillometric |
| Pressure range | 0...300 mmHg |
| Measurement ranges | |
| for adults | - pSYS: 25 - 280 mmHg - pDIA: 10 - 220 mmHg - pMAP: 15 - 260 mmHg |
| for neonates | - pSYS: 20 - 150 mmHg - pDIA: 5 - 110 mmHg - pMAP: 10 - 130 mmHg |
| Overpressure limits | 300 mmHg adult mode and 150 mmHg neonatal mode |
| Transport and storage conditions | |
| Temperature range | -40°C...+70°C |
| Relative humidity | 10...100, non condensing |
| Atmospheric pressure | 500...1060 mbar |

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