

IntelliCuff®

Technical specifications

Operating modes

Automatic cuff control to set pressure value
Time limited cuff pressure increase

Monitoring

Pressure set range 5 cmH₂O to 50 cmH₂O
Accuracy ± 1 cmH₂O (settings and measured)

Standards

IEC 60601-1:2006, IEC 60601-1-2, IEC 60601-1-6, IEC 60601-1-8, IEC 60601-1-12,
EN 13718-1, EN1789

Alarms

High priority Cuff system leakage, battery critically low
Medium priority Pressure above set limit, cuff deflated, battery low
Additional Technical fault, loss of power
Alarm volume 56.5 dB(A) ± 6 dB(A) within 1 m distance
Alarm silence Visual alarm silence icon



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Performance

Default settings 25 cmH₂O (target pressure), 5 cmH₂O above set pressure for 5 min (limited hold)

Physical dimensions

Dimensions (L x W x H) 15.7 cm (6.2 in) x 5.5 cm (2.2 in) x 3.6 cm (1.4 in)
Weight (incl. batteries) 260 g (9.2 oz)
Display 60 x 35 mm
Ingress Protection (IP) IP 34

Electrical characteristics

AC power input 100 to 240 VAC / 50 to 60 Hz \pm 10%; 1.25 VA typical, 3.25 VA maximum
USB input power 5 VDC \pm 5%; 1.0 W typical, 2.5 W maximum
Car adapter 12 V to 24 V \pm 5%; 1.25 W typical, 3.25 W maximum
Battery requirements AA (IEC-HR6) NiMH rechargeable 1.2 V, \geq 1900 mA

Connectors

Electrical Mini USB
Pneumatic Male luer slip

Environment

Temperature -15 to 50 °C / 5 to 122 °F (operating), -15 to 70 °C / 5 to 158 °F (storage)
Relative humidity 5 to 95% noncondensing (operating) / 5 to 95 % noncondensing (storage)
Noise < 30 dB(A)

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