

ARGUS VS-100

Vital Signs Monitor



FEATURES :

- Enhanced NIBP, Temperature and SpO₂ accuracy
- Compact design (increased mobility)
- User-friendly interface (data output USB)
- Built-in rechargeable battery
- Adult, Pediatric and Neonate application
- Internal thermal printer (option)
- Alarm system



SCHILLER
The Art of Diagnostics

TECHNICAL SPECIFICATION VS-100:

MECHANICAL

Size : 122(W) x 177.5(D) x 205(H) mm

Weight : Approx. 2.3kg (excluding accessories option cable)

Mounting : Self supporting on rubber feet custom mobile stand (Option)

Portability : Grip

DISPLAY

Screen Type : Custom LCD

Active Screen Size : 87.3 x 100 mm

RECORDER (option)

Type : Internal Thermal printer

Paper Width : 58mm

SAFETY STANDARDS

According to EN 60601-1

Protection Class : Class IIb

NIBP, SpO₂ : Type BF

Temp : Type B

POWER SOURCES

Internal Battery : 12V,2100 mAh, Ni-MH

Battery Operation Time : Over 4 hours

DC Adapter

Input 100-240 VAC(50/60Hz)

Output 18V, 3.4A

GENERAL ENVIRONMENT CONDITION

Operating temperature : 10 - 40°C

Storage temperature : -20 - 50°C

Operating Humidity : 15 - 95% (non-condensing)

Storage humidity : 15 - 95% (non-condensing)

Measuring and Display

NIBP (Non Invasive Blood Pressure)

Method of Measurement : Oscillometric

Range :

SYS Adult 40 - 260 mmHg; Pediatric 40 - 160 mmHg; Neonate 40 - 130 mmHg

MAP Adult 26 - 220 mmHg; Pediatric 26 - 133 mmHg; Neonate 26 - 120 mmHg

DIA Adult 20 - 220 mmHg; Pediatric 20 - 120 mmHg; Neonate 20 - 100 mmHg

Clinical Accuracy : Meet accuracy equipment of ANSI / AAMI SP (1992 and 2002)

Pressure Transducer Accuracy : ± 3 mmHg between 0 - 300 mmHg for operating conditions between 0-50°C

Pulse Rate Range : 30 - 220 BPM

Pulse Rate Accuracy : $\pm 2\%$ or ± 3 BPM, whichever is greater

Overpressure Cutoff : 300mmHg 9 (Adult & Pediatric modes) / 150 mmHg (Neonate mode)

SpO₂

Measurement range : 0 -100%

Saturation Accuracy : 70 -100% $\pm 2\%$ 50 - 69% $\pm 3\%$

PR Range: 30 - 250 BPM

PR Accuracy : $\pm 2\%$

TEMP

Technique : Infrared ear measurement

Measurement range: 0°C - 100°C

Accuracy : 32°C - 42.2°C ± 0.2 °C

Display Resolution : 0.1°C

Measurement Spot : An eardrum

* Technical specifications are subject to change without prior notice.

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