

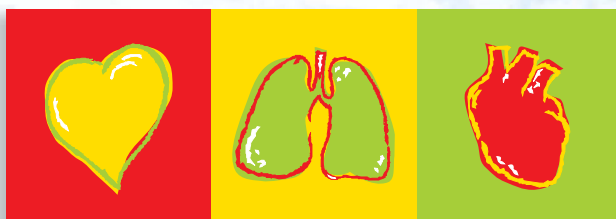
# ARGUS VCM



## Blood Pressure and Vital Signs Monitor

### Features/Parameters:

- Large LED digital display
- User-friendly interface
- 2 hours mains independent operation
- Automatic self-test
- RS-232 for connectivity and Nurse Call connection
- Optional: integrated thermal printer
- Suitable for adults, paediatrics and neonates
- Available in various configurations



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## Technical data

### ARGUS VCM Blood Pressure & Vital Signs Monitor:

#### Configurations:

- NIBP, PR
- NIBP, PR with printer
- NIBP, PR, Temp
- NIBP, PR, Temp with printer
- NIBP, PR, SpO<sub>2</sub>
- NIBP, PR, SpO<sub>2</sub> with printer
- NIBP, PR, Temp, SpO<sub>2</sub>
- NIBP, PR, Temp, SpO<sub>2</sub> with printer

#### Blood pressure accuracy:

Meets or exceeds EN 1060-1:1995, EN 1060-3:1997, IEC 60601-2-30, ANSI/AAMI SP10-1992 + A1:1996

#### Patient modes:

Selectable modes of neonate, paediatric and adult

#### Blood pressure range:

##### Adult:

- Systolic: 30 - 260 mmHg
- Diastolic: 20 - 235 mmHg
- MAP: 20 - 255 mmHg

##### Paediatric:

- Systolic: 30 - 160 mmHg
- Diastolic: 15 - 130 mmHg
- MAP: 15 - 140 mmHg

##### Neonatal:

- Systolic: 25 - 120 mmHg
- Diastolic: 10 - 105 mmHg
- MAP: 10 - 110 mmHg

#### Initial cuff inflation:

- Adult: 160 mmHg
- Pediatric: 120 mmHg
- Neonate: 90 mmHg

#### Pulse rate:

#### Pulse rate accuracy:

#### SpO<sub>2</sub> module pulse rate (Nellcor):

- No motion:  $\pm 3$  BPM
- During motion:  $\pm 5$  BPM

#### NIBP module pulse rate:

- $\pm 3$  BPM or 3%, whichever is greater

#### Pulse rate range:

- SpO<sub>2</sub> module pulse rate range: 20 - 300 BPM
- NIBP module pulse rate range: 30 - 220 BPM

#### Temperature:

#### Temperature accuracy:

Meets or exceeds ASTM E1112-00; EN 12470-3

#### Temperature range:

Neonate, paediatric, adult: 26 - 43° C (80 - 110° F)

#### Predictive measurement times:

- Oral: 4 - 6 secs
- Paediatric axillary (children under 4): 10 - 13 secs

#### SpO<sub>2</sub>:

Utilizes Nellcor Oximax Technology

#### Saturation rate:

0 - 100 %

#### Probe accuracy:

70 - 100 %; 28 - 42° C

#### Digit accuracy:

Without motion:

- Adult/paediatric:  $\pm 2$  %

- Neonate:  $\pm 3$  %

With motion:

- Adult/neonate:  $\pm 3$  %

- Low perfusion:  $\pm 2$  %

#### Power requirements:

#### North American version:

120 VAC, 60 Hz

#### International version:

220 - 240 VAC, 50 - 60 Hz

#### Internal battery:

Lead Acid, with internal recharger

#### Language support:

English, French, German, Italian, Spanish, Portuguese, Dutch, Swedish, Chinese, Japanese, Polish

#### Dimensions/weight:

#### Dimensions (approx.):

130 x 180 x 278 mm

#### Weight:

2.7 kg

#### Safety Standards:

IEC/EN 60601-1:1988 + A1:1992 + A2:1995, EN 60601-1:1990, ISO 14971:2000, EN 1441:1994, EN 980:1996, EN 1041:1998, IEC/EN 60601-1-2:2001, EN 865:1997

Technical specifications are subject to change without prior notice.

The functions and technical features detailed here are valid at the time of press. They are not legally binding nor guaranteed. All features are liable to change without notice. For latest data, please contact your dealer.

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