RIESTER RVS-100 MULTIPARAMETER MONITOR - 1960 -RRXPE



Product Code	33800
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II B

RDM (NSIS)	2564932
CND	Z12030280
EAN/UPC	4045396215368

Description

RVS-100 NIBP + SpO2 + PRINTER

The Riester RVS-100 is an easy to use vital signs monitor with touchscreen display, offering pulse oximetry, blood pressure. Meeting your healthcare system's needs, offering spot check, triage, and continuous monitoring modes for all neonatal to adult patients.

Key Features
- 3 measurement modes (Monitor, Spot-check, Triage)
- high-sensitivity 8" TFT colour touch screen with selfexplanatory user interface and integrated help-function
- displays SYS, DIA, MAP, Pulse, Temp, Plethysmogram
- EWS, NEWS and MEWS for early detection to improve patient outcomes
- clinical grade NIBP including averaging mode (2-5 readings) and neonate mode
- Bluetooth connectivity to Riester 'tymPRO' and 'sensioPRO' thermometers
- Riester Oximax SpO2 including neonate mode
- connectivity with the EMR - using the HL7 standard
- LAN Connectivity as standard
- programmable alarms (audible, visible) with 3 priority levels
- supports nurse call RJ11 port
- internal memory for 5,000 measurements
- lithium-ion battery with 11 hours run time (Automatic mode, 15 min intervals)

Intuitive user interface with highly responsive touch screen.
"Early Warning Scores" view mode.
Programmable with EWS: NEWS, MEWS and 5 customisable profiles.

Technical Specifications

Clinical-grade NIBP (non-invasive blood pressure)
Measuring method: automatic oscillometric
Measurement range:
Adult: [SYS 30-270 mmHg] [DIA 10-220 mmHg] [MAP 20-235 mmHg]
Pediatric: [SYS 30-235 mmHg] [DIA 10-220 mmHg] [MAP 20-225 mmHg]
Neonate: [SYS 30-135 mmHg] [DIA 10-110 mmHg] [MAP 20-125 mmHg]
Cuff pressure range: 0-280 mmHg, resolution 1 mmHg
Pressure accuracy:
Static ±3 mmHg
Clinic ±5 mmHg, standard deviation = 8 mmHg
Pulse rate range: 40-240 bpm, accuracy 1 bpm
Initial inflation pressure: [Adult 160 mmHg] [Pediatric 130 mmHg] [Neonate 75 mmHg]
Double overpressure protection (hardware and software)
[Adult 297 ± 3 mmHg] [Pediatric 252 ± 3 mmHg] [Neonate 147 ± 3 mmHg]
Alarm range: SYS, DIA, MAP 0 - 300 mmHg

Riester SpO2
Measurement range: 0-100 %, resolution 1%
Accuracy: ±2% (70 to 100%) - ±3% (40 to 69%) Unspecified (0 % to 39 %)
Alarm range: 0-100 %
Average time: 4 sec, 8 sec, 16 sec

Pulse rate
Measurement range: 20-250 bpm, resolution 1 bpm
Accuracy: ±1 % or ± 1 bpm whichever is greater

Monitor
Alarm: Visible LEDs (Red, Yellow, Cyan)
Audible Speaker
Audible alarm, QRS tone
Supports Pitch Tone and multi-level volume
Alarm tones meet the requirement of IEC 60601-1-8
Pressure: 45 to 85 dB test distance 1 meter from the tone

Ports:
1 AC power inlet
1 standard RJ45 interfaces.100 BASE-TX, IEEE 802.3
4 USB ports
1 Equipotential grounding point
1 RJ11 connector for nurse call
DC out port 15V/1.2 A

Power Supply: 100 - 240 V AC, 50/60 Hz

Battery:
Lithium-Ion, rechargeable battery, 10.8 V DC, 6,600 mAh
Charging time to a 100%: 6 hours
Operating time approx. 11 hours (new and fully charged battery with connected SpO2, Temp and NIBP on AUTO mode (15 minutes interval))
Low battery indicator and charging battery indicator

Monitor dimensions: 303x110x h 230 mm (11.93x9.05x4.33 inches)

Weight: 3600 g, (7.94 lb) including temp module, printer

Standard accessories

SpO2 adult sensor
SpO2 extension cable
NIBP extension tube
2 cuffs (adult and adult large with connectors)
Manual (GB, IT . On request FR, DE, ES , RU)