



RVS-100

VITAL SIGNS MONITOR

A versatile, intuitive touch screen vital signs monitor with Early Warnings Scores (EWS) and wireless Bluetooth® connectivity to the Riester tympanic and non-contact thermometers

The need for higher acuity monitoring in lower acuity areas, where fast, accurate diagnosis for the prioritization of patient care is vital in today's modern healthcare systems.



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

Reliable, Easy-to-Use & Affordable



Reliable Affordability

- ▶ Clinical grade NIBP with averaging modes
- ▶ German design to Riester quality standards
- ▶ Accessories & options offer an economical monitoring solution



Increase Workflows

- ▶ EWS / NEWS with programmable alarms
- ▶ Intuitive, 8" touchscreen, with onscreen help functions
- ▶ Optional Bluetooth® connectivity to sensioPRO+ & tymPRO+ thermometers



Versatile

- ▶ 3 measurement modes: monitor, spot-check, triage
- ▶ Monitoring for all patient types, neonatal to adult
- ▶ Meeting your everyday challenges across the care pathway in multiple care settings

Advancing Technology

The **RVS-100** is engineered for the connected facility with the latest technologies including:

- › EWS / NEWS for early detection of patient deterioration and diagnostic triage
- › Wi-Fi enabled and LAN ready
- › Connectivity with the EMR - using the HL7 standard
- › Supports nurse call RJ11 port
- › Internal memory for 5000 measurements
- › Lithium-ion battery with 11 hours run time



A New Level Of Thermometry

The **RVS-100** integrates seamlessly with the new **sensioPRO+** and **tymPRO+** thermometers via Bluetooth® connectivity, offering accurate, clinical grade temperature readings, helping to improve your workflow and patient care!



Customized To Your Needs

Accessories and options make the **RVS-100** customizable and built for your exact needs.



- › Available as wall (**RVS-200** Wall diagnostic system with wide range of EENT **ri-scope®** L instrument heads), desk and floor model
- › Riester or Nellcor Oximax SpO₂ allow for neonatal, pediatric and adult applications
- › Predictive Thermometer (Filac 3000)
- › Thermal printer (internal)
- › Barcode reader
- › Mobile stand including basket for storage (cuffs, sensors, cables)

Instrument heads



Otoscope

Ophthalmoscope

Retinoscope

Dermatoscope

Tongue blade holder

Nasal speculum

Lamp holder

PRODUCT SPECIFICATIONS

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|---------------------------|---|
| Power Supply | 100 - 240 VAC, 50/60 Hz |
| Battery | Lithium-ion battery, rechargeable, 10.8 VDC, 6600 mAh, Charging time to a 100%: 6 hours, Operating time approx. 11 hours (new and fully charged battery at 25 °C ambient temperature with connected SpO ₂ , Temp, and NIBP on AUTO mode (15 minutes interval)) Low battery indicator Charging battery indicator |
| Dimensions Monitor | L x H x W: 303 x 230 x 110 mm (11.93 x 9.05 x 4.33 in) |
| Weight | 3600 g, (7.94 lb) including temp module, printer |
| Dimensions Basket | L x H x W: 270 x 225 x 200 mm (10.63 x 8.86 x 7.87 in) |
| Alarm | Visible LEDs (Red, Yellow, Cyan) Audible Speaker Gives audible alarm, QRS tone Supports Pitch Tone and multi-level volume Alarm tones meet the requirement of IEC 60601-1-8. Alarm Pressure: 45 dB to 85 dB test distance is 1 meter from the tone. |
| Ports | 1 x AC power inlet 1 x standard RJ45 interfaces.100 BASE-TX, IEEE 802.3 4 x USB ports 1 x Equipotential grounding point 1 x RJ11 connector for nurse call DC out port 15 V, 1.2 A |

ORDERING INFORMATION

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|-------------------|---|
| 1960-RRXXE | RVS-100 , NIBP (Riester), SpO ₂ (Riester), EU plug |
| 1960-RRBXE | RVS-100 , NIBP (Riester), SpO ₂ (Riester), Pred. Temp, EU plug |
| 1960-RRBPE | RVS-100 , NIBP (Riester), SpO ₂ (Riester), Printer, EU plug |
| 1960-RNXXE | RVS-100 , NIBP (Riester), SpO ₂ (Riester), Pred. Temp, Printer, EU plug |
| 1960-RNBXE | RVS-100 , NIBP (Riester), SpO ₂ (Nellcor), Pred. Temp, EU plug |
| 1960-RNBPE | RVS-100 , NIBP (Riester), SpO ₂ (Nellcor), Pred. Temp, Printer, EU plug |
| 1960-RRXPG | RVS-100 , NIBP (Riester), SpO ₂ (Riester), Printer, UK plug |
| 1961-RRXXE | RVS-200 , NIBP (Riester), SpO ₂ (Riester), EU plug |
| 1961-RRBXE | RVS-200 , NIBP (Riester), SpO ₂ (Riester), Pred. Temp, EU plug |
| 1961-RRBPE | RVS-200 , NIBP (Riester), SpO ₂ (Nellcor), Pred. Temp, Printer, EU plug |

Additional configurations are available. For more information, contact Riester at info@Riester.de

Accessories

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|----------------|---|------------------|---|
| 1840-BT | Non-contact thermometer ri-thermo [®] sensioPRO+ Bluetooth | 13300 | SpO ₂ -Sensor Riester Neonatal |
| 1835-BT | Tympanic thermometer ri-thermo [®] tymPRO+ Bluetooth | 13301 | SpO ₂ -Sensor Riester Children |
| 12640 | Probe cover for ri-thermo [®] tymPRO , 30 racks / 300 pcs. | 13302 | SpO ₂ -Sensor Riester Adult |
| 13315 | Barcode Reader | 13305 | SpO ₂ -Sensor Nellcor Adult |
| 13316 | Wi-Fi for RVS-100 | 107.005 | Velcro cuff (adult) 54.5 x 14.5 cm, 1 tube, black |
| 13317 | Mobile stand with basket | 122.005 | Velcro cuff (large adult) 70 x 15 cm, 1 tube, black |
| 13324 | Wall mount basket for RVS-100/200 | 129.006 | Velcro cuff (children) 35.5 x 10 cm, 1 tube, blue |
| 13333 | NIBP extension tube with connector | 134.002 | Velcro cuff (newborn) 15.5 x 5 cm, 1 tube, blue |
| 13321 | Paper roll for RVS printer, pack of 20 pcs. | 10512-301 | EliteVue head only, LED 3.5 V with anti-theft security |
| 12668 | Oral probe (blue) for predictive thermometer | 10565-301 | ri-scope [®] L2 otoscope head, LED 3.5 V with anti-theft security |
| 12669 | Rectal probe (red) for predictive thermometer | 10594-301 | ri-scope [®] L1 ophthalmoscope head, LED 3.5 V with anti-theft security |
| 12688 | Probe covers for predictive thermometer, pack of 500 pcs. (25 x 20 pcs.) | 10596-301 | ri-scope [®] L3 ophthalmoscope head, LED 3.5 V with anti-theft security |
| 13347 | Bluetooth USB-Dongle for RVS-100 | | |

Additional instrument heads are available.