



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

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

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), Pred. Temp, Printer, EU plug
1960-RNXXE	RVS-100 , NIBP (Riester), SpO ₂ (Nellcor), 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

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.	

Please visit **riester.de** for more information