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

⊙ Riester

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 SpO$_2$ 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   Dermatoscope   Tongue blade holder   Nasal speculum   Light conductor

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 approximately 11 hours
	  (new and fully charged battery at 25 °C ambient temperature with connected SpO2, Temp, and NIBP on AUTO
	  mode (15 minutes interval))
	Low battery indicator
	Charging battery indicator

Dimensions Monitor	303 [L] x 230 [H] x 110 [W] mm (11.93 x 9.05 x 4.33 in)
Weight	3600 g, (7.94 lb) including temp module, printer
Dimensions Basket	270 [L] x 225 [H] x 200 [W] 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®	**12669**	Oral probe (blue) for predictive thermometer
1835-BT	Tympanic thermometer **ri**-thermo® **tymPRO+** Bluetooth®	**12688**	Probe covers for predictive thermometer, pack of 500 pcs. (25 x 20 pcs.)
12640	Probe cover for **ri**-thermo® **tymPRO**, 30 racks / 300 pcs.	**13347**	Bluetooth USB-Dongle for **RVS-**100
13315	Barcode Reader	**13300**	SpO$_2$-Sensor Riester [neonatal]
13316	Wi-Fi for **RVS-**100	**13301**	SpO$_2$-Sensor Riester [child]
13317	Mobile stand with basket	**13302**	SpO$_2$-Sensor Riester [adult]
13324	Wall mount basket for **RVS-**100/200	**13305**	SpO$_2$-Sensor Nellcor [adult]
13333	NIBP extension tube with connector	**107.005**	Velcro cuff (adult) 54.5 x 14.5 cm, 1 tube, black
13321	Paper roll for **RVS** printer, pack of 20 pcs.	**122.005**	Velcro cuff (large adult) 70 x 15 cm, 1 tube, black
12668	Rectal probe (red) for predictive thermometer	**129.006**	Velcro cuff (child) 35.5 x 10 cm, 1 tube, blue
		134.002	Velcro cuff (newborn) 15.5 x 5 cm, 1 tube, blue

10512-301	**Elite**Vue head only, LED 3.5 V with anti-theft security
10565-301	**ri-scope®** L2 otoscope head, LED 3.5 V with anti-theft security
10567-301	**ri-scope®** L3 otoscope head, LED 3.5 V with anti-theft security
10595-301	**ri-scope®** L2 ophthalmoscope head, LED 3.5 V with anti-theft security
10596-301	**ri-scope®** L3 ophthalmoscope head, LED 3.5 V with anti-theft security

Additional instrument heads are available. All **ri-scope®** L 3.5 V instrument heads are compatible with the **RVS-**200.

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

Riester