



# 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 SpO<sub>2</sub> 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

<b>Power Supply</b>	100 - 240 VAC, 50/60 Hz
<b>Battery</b>	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 <sub>2</sub> , Temp, and NIBP on AUTO mode (15 minutes interval)) Low battery indicator Charging battery indicator
<b>Dimensions Monitor</b>	L x H x W: 303 x 230 x 110 mm (11.93 x 9.05 x 4.33 in)
<b>Weight</b>	3600 g, (7.94 lb) including temp module, printer
<b>Dimensions Basket</b>	L x H x W: 270 x 225 x 200 mm (10.63 x 8.86 x 7.87 in)
<b>Alarm</b>	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.
<b>Ports</b>	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

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

Additional configurations are available. For more information, contact Riester at [info@Riester.de](mailto:info@Riester.de)

### Accessories

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

Additional instrument heads are available.