

# ri-vital®

## spot-check vital signs monitor

**NEW**



### ri-vital® spot-check monitor

Engineered for the mobile and fast recording of vital signs. Clinically validated for adults as well as newborns weighing as little as 1kg. Simultaneous measurement of different vital signs within seconds.

- **Coloured 4.3" TFT display (SYS, DIA, MAP, pulse, SpO<sub>2</sub>, Temp, plethysmogram)**
- Temperature alternatively with infrared technology for the ear measurement or with Filac™ 3000 for the oral/rectal measurement including probe dispenser.
- Memory function for measurement readings and infrared interface for thermo printer
- Options:
  - ▶ **External wireless printer**
  - ▶ **Filac™ 3000 predictive oral/rectal thermometer**
  - ▶ Ear thermometer
  - ▶ New mobile stand in brand-new Riester design
- **Shock resistant**
- **NIBP with mode for adults and neonates.** Washable and disinfectable cuffs with coiled tube, extendible up to 2 m.
- SpO<sub>2</sub> sensors with a cable length of 1.2 m or optional 2.40 m. **Optional with PEARL measuring technology for the use with critical patients (e. g. neonates).**
- Easy handling via membrane keyboard (disinfectable) and self-explanatory menu.
- Practical storage facilities for accessories (cuffs, sensors, cable, probe covers)
- Efficient and lightweight rechargeable Li-ion battery pack (approx. 250 measurements)
- Portable version or mounted on a stable and smooth running mobile stand with large basket and optional printer holder.
- 2 years warranty




reddot design award  
winner 2009

# ri-vital®

without mobile stand



 Made in Germany

## Technical data

### Pulsoximeter:

Measurement range SpO <sub>2</sub> :	0..100 % SpO <sub>2</sub>
Display range:	0..99 % SpO <sub>2</sub>
Accuracy:	Adults +/- 2% (70-100%) Children +/- 3% (70-100%)
Pulse measurement range:	30..250 min <sup>-1</sup>
Accuracy:	+/- 1%

### Blood pressure:

Measurement range:	25.. 280 mmHg (systole) 15.. 260 mmHg (MAP) 10.. 220 mmHg (diastole)
Neonates:	20..155 mmHg (systole) 10..130 mmHg (MAP) 5..110 mmHg (diastole)
Overpressure protection:	300 mmHg

### Miscellaneous:

	Independent protection system against excess pressures acc. to EN1060-3
Measurement accuracy:	acc. to EN1060-4:2005
Deviation from average pvalue:	< 5mmHg
Battery:	ri-accu® L 7,4 V Li-Ion battery
Operation time:	approx. 250 measurements NIBP and SpO <sub>2</sub>
Charging time:	8 hours
Mains adapter:	AC/DC adapter plug with connector according IEC60320-C13, 100 V-240 V
Basket:	250 mm (L) x 150 mm (B) x 200 mm (H.)
Display:	Coloured and illuminated TFT display
Dimension:	without thermometer 203 mm (L) x 167 mm (B) x 232 mm (H)
Weight:	1500 grams without thermometer
Casing:	PC+ABS

## Ordering information

ri-vital® NIBP, SpO <sub>2</sub> , bladderless cuffs for adults and large adults, finger sensor for adults	1950-107
ri-vital® NIBP, SpO <sub>2</sub> , bladderless cuffs for adults and large adults, Finger sensor for adults, ear thermometer	1951-107
ri-vital® NIBP, SpO <sub>2</sub> , bladderless cuffs for adults and large adults, finger sensor for adults, oral/axillary thermometer	1953-107
ri-vital® NIBP, SpO <sub>2</sub> , bladderless cuffs for adults and large adults, finger sensor for adults, rectal thermometer	1954-107
ri-vital® NIBP, PEARL-SpO <sub>2</sub> , bladderless cuffs for adults and large adults, finger sensor for adults	1955-107
ri-vital® NIBP, PEARL-SpO <sub>2</sub> , bladderless cuffs for adults and large adults, finger sensor for adults, oral/axillary thermometer	1956-107
ri-vital® NIBP, PEARL-SpO <sub>2</sub> , bladderless cuffs for adults and large adults, finger sensor for adults, oral/axillary thermometer	1957-107
ri-vital® NIBP, PEARL-SpO <sub>2</sub> , bladderless cuffs for adults and large adults, finger sensor for adults, rectal thermometer	1958-107
Extension module for infrared printer (holder and printer)	12667
Mobile stand with basket and holder for the mains adapter	12660
Bladderless cuff for neonates	156
Bladderless cuff for infants	158
Bladderless cuff for children	154
Bladderless cuffs for adults with thin arms	160
Bladderless cuffs for adults	150
Bladderless cuffs for large adults	152
Wrap sensor for newborns	12663
Finger sensor for children	12662
Finger sensor for adults	12661
Extension cable for SpO <sub>2</sub> length approx. 1,20 m	12664
Rectal probe 2,7 m	12668
Oral/axillary probe 2,7 m	12669
Probe covers for ear thermometer (pack with 100 pcs.)	12704
Probe covers for predictive thermometer (pack with 20 pcs.)	12784
Paper roll for infrared printer (pack with 20 pcs.)	12685
Infrared printer	12687

More technical data available on [www.riester.de](http://www.riester.de)

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