

ri-vital®

 **Riester**

The familiar way

→ **ri-vital®**

Precise, robust, time effective



reddot design award
winner 2009

NEW! Clinically validated
for neonates 1kg and up

ri-vital® spot-check monitor, engineered for the mobile, precise and fast recording of vital signs data at clinics, hospitals and outpatient treatments. Ergonomical design and highly developed technology resulting in reliable measurement results and time efficiency.

- NIBP, Pulse, MAP, SpO2, Temperature (optional)
- **Clinically validated blood pressure measurement** for adults as well as **newborns weighing as little as 1kg**
- Highly precise and **motion-tolerant PEARL SpO2 measuring device** also suitable for critical patients (e.g. newborns), clinically validated
- **Shock resistant**
- Easy and fast operation due to the simple menus and

perfectly **integrated storage options** for sensor and cuffs

- Standard features include additional spiral tubing for a total tube length of **approx. 2m including cuff** as well as a finger sensor with a cable approx. 90cm in length, **optional SpO2-extension available for a total length of 2.10m**
- **Efficient Li-Ion battery pack (approx. 500 measurements)**
- Infrared ear thermometer with probe sheath dispenser (optional)
- Large, bright LCD display
- Simultaneous measurement or different vital parameters within seconds
- Portable and light
- Mobile stand (optional)
- 2 years warranty

**Pulsoximeter:**

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

Blood pressure:

Measurement range:	25.. 280mmHg (systole) 15.. 260mmHg (MAP) 10.. 220mmHg (diastole)
Neonates	20..155mmHg (systole) 10..130mmHg (MAP) 5..110mmHg (diastole)
Overpressure protection:	300mmHg
Other:	Independent protection system against excess pressures acc. to EN1060-3
Measurement accuracy:	acc. to EN1060-4:2005
Deviation from average value	< 5mmHg

Device:

Mains:	115/230V, 50/60Hz
Battery:	ri-accu® L 7,4V Li-Ion battery
Operation time:	approx. 500 measurements NIBP and SpO ₂
Charging time:	8 hours
Mains adapter:	AC/DC adapter plug, 100V-240V
Display:	Illuminated LCD
Size:	with thermometer 246mm(L) x 167mm(B) x 232mm(H) without thermometer 203mm(L) x 167mm(B) x 232mm(H)
Weight:	1650 grams with thermometer 1500 grams without thermometer
Casing:	PC+ABS

Made in **Germany**

ri-vital® NIBP, SpO₂ , Velcro cuff for adults, finger sensor for adults	1950-107
ri-vital® NIBP, SpO₂ , Thermometer, Velcro cuff for adults, finger sensor for adults	1951-107
ri-vital® NIBP, PEARL SpO₂ , Velcro cuff for adults, finger sensor for adults	1955-107
ri-vital® NIBP, PEARL SpO₂ , Thermometer, Velcro cuff for adults, finger sensor for adults	1956-107
Mobile stand with basket	12660
Velcro cuff for neonates	LF134
Velcro cuff for infants	LF132
Velcro cuff for children	LF129
Velcro cuff for adults with thin arms	LF120
Velcro cuffs for adults	LF107
Velcro cuff for adults with strong arms	LF122
Finger sensor for adults	12661
Finger sensor for children	12662
Wrap sensor for newborns	12663
Extension cable for SpO ₂ length approx. 1.20 m	12664



ri-thermo® N extension module, including thermometer*	12780
Disposable probe sheaths in packs of 100	12704

*For ri-thermo® N specifications see separate brochure