



NOW WITH  
**10 YEAR  
WARRANTY!**

# big ben<sup>®</sup>

## Sphygmomanometer

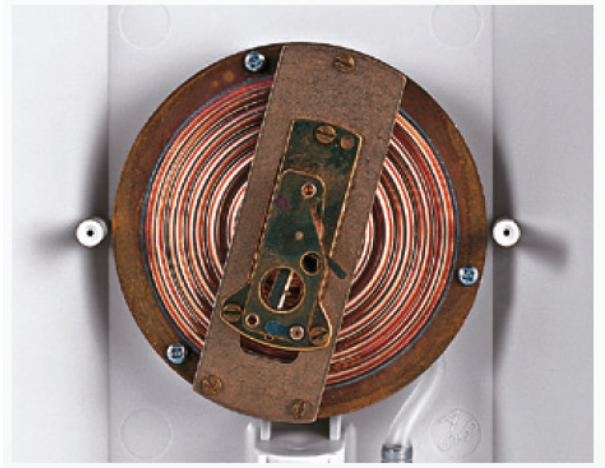
**big ben<sup>®</sup>** is a high-grade, versatile and robustly designed aneroid sphygmomanometer, available with either a round or square face shape and offered in wall, desk, rail or mobile stand configurations.



**big ben<sup>®</sup>** desk model

# LIFETIME MEASURING TECHNOLOGY

**Riester** blood pressure devices excel not only in precision when compared with mercury instruments, but also in their virtually unlimited lifespan. Each device is equipped with a specially hardened copper-beryllium membrane that resists ageing. For these reasons, the iconic **Riester** design and precision-engineered finish make **big ben**<sup>®</sup> a trusted choice for blood pressure measurement across all clinical environments.



The **big ben**<sup>®</sup> is a durable, easy-to-read sphygmomanometer available in multiple mounting designs—including wall, rail, desk and mobile stand—to fit every clinical workflow.

- › Easy-to-read, generously dimensioned scale (Ø 147.2 mm or 145.5 mm)
- › High-contrast visual display
- › Latex-free version available
- › Ideal for every patient exam room
- › German-engineered air-release valve with fine adjustment
- › Chromium-plated screwed tube connection for quick and easy cuff changes
- › Spacious basket for cuffs included to be mounted on the rear side of the device (mobile or desk) or below the device (wall mounted)\*
- › Micro-filter protects the release valve and measurement system, preventing contamination of internal mechanisms
- › Precision mechanism mounted on a special support to ensure complete stability of the BP measuring system, maintaining the zero-point for calibration and delivering consistent, accurate readings
- › Approved by the British and Irish Hypertension Society (BIHS)



\*Optional, larger baskets available separately for cuffs and tubes.

### Wall model:

- › Can be swiveled horizontally 65° to the left and right
- › Simple conversion to the rail model with a wall bracket

### Rail model:

- › Wall rail clamp mounting made of fiber glass reinforced ABS plastic – as strong as steel
- › Simple conversion to the wall model



big ben® wall model



big ben® rail model

### Desk Model:

- › Stable desktop stand keeps the device securely upright

### Mobile stand model:

- › Mobile base made of high-quality stainless steel pole for enhanced durability and hygiene (delivered with item number **10385**)
- › Smooth-rolling standard castors without brakes 75 mm [3 in]
- › Height (including big ben®): 89 - 137 cm [35.04 - 53.94 in]
- › Mobile base diameter: 50 cm [19.69 in]
- › Optional basket sizes (to be attached to the mobile pole)
  - Small: 250 [L] x 90 [W] x 200 [H] mm [98.43 x 35.43 x 78.74 in]
  - Large: 230 [L] x 230 [W] x 250 [H] mm [90.55 x 90.55 x 98.43 in]



Basket options for  
big ben® mobile stand model



big ben® mobile stand model

# PRODUCT SPECIFICATIONS

<b>Dimensions</b>	Square: 198.7 mm; scale width: 145.5 mm Round: 198.7 mm; scale diameter: Ø147.2 mm
<b>Options</b>	Wall, desk, rail or mobile configurations
<b>Weight</b>	Wall: 1600 g, Desk: 1300 g, Rail: 1200 g, Mobile: 4000 g
<b>Accuracy</b>	±3 mmHg (±2 mmHg Riester in-house standard)
<b>Measurement range</b>	0 to 300 mmHg
<b>Calibration</b>	Lifetime measuring technology No recalibration needed when used properly
<b>Operating conditions</b>	10 °C to 40 °C at a relative humidity of 85 % (non-condensing)
<b>Storage conditions</b>	-20 °C to 70 °C at a relative air humidity of 85 % (non-condensing)
<b>Warranty</b>	10 years

## ORDERING INFORMATION\*

<b>1465</b>	big ben® square wall, velcro cuff (adult)	<b>1459</b>	big ben® round wall, velcro cuff (adult)
<b>1465-123</b>	big ben® square wall, velcro cuff (large adult)	<b>1459-123</b>	big ben® round wall, velcro cuff (large adult)
<b>1465-130</b>	big ben® square wall, velcro cuff (child)	<b>1459-130</b>	big ben® round wall, velcro cuff (child)
<b>1465-100</b>	big ben® square wall manometer, wall support, w/o accessories	<b>1459-100</b>	big ben® round wall manometer, wall support, w/o accessories
<b>1456</b>	big ben® square desk, velcro cuff (adult)	<b>1453</b>	big ben® round desk, velcro cuff (adult)
<b>1456-123</b>	big ben® square desk, velcro cuff (large adult)	<b>1453-123</b>	big ben® round desk, velcro cuff (large adult)
<b>1456-130</b>	big ben® square desk, velcro cuff (child)	<b>1453-130</b>	big ben® round desk, velcro cuff (child)
<b>1456-100</b>	big ben® square desk manometer, w/o clamp, w/o accessories	<b>1453-100</b>	big ben® round desk manometer, w/o clamp, w/o accessories
<b>1498</b>	big ben® square rail, velcro cuff (adult)	<b>1488</b>	big ben® round rail, velcro cuff (adult)
<b>1498-123</b>	big ben® square rail, velcro cuff (large adult)	<b>1488-123</b>	big ben® round rail, velcro cuff (large adult)
<b>1498-130</b>	big ben® square rail, velcro cuff (child)	<b>1488-130</b>	big ben® round rail, velcro cuff (child)
<b>1498-100</b>	big ben® square rail manometer, w/o clamp, w/o accessories	<b>1488-100</b>	big ben® round rail manometer, w/o clamp, w/o accessories
<b>1478</b>	big ben® square mobile stand, velcro cuff (adult)	<b>1468</b>	big ben® round mobile stand, velcro cuff (adult)
<b>1478-123</b>	big ben® square mobile stand, velcro cuff (large adult)	<b>1468-123</b>	big ben® round mobile stand, velcro cuff (large adult)
<b>1478-130</b>	big ben® square mobile stand, velcro cuff (child)	<b>1468-130</b>	big ben® round mobile stand, velcro cuff (child)
<b>1478-500</b>	big ben® square mobile stand manometer, velcro cuff (adult), w/o stand	<b>1468-500</b>	big ben® round mobile stand manometer, velcro cuff (adult), w/o stand

\*Latex-free versions available – order by adding "LF" before the article number (e.g. LF1465).

### Accessories

<b>54663</b>	Wall support 3 holes with 3 screws (to change to wall unit)	<b>54665</b>	Wall support 2 holes with 2 screws (to change to rail unit)
<b>10382</b>	Coiled latex tubing, black	<b>10384</b>	Universal clamp for rail fastening
<b>10385</b>	Mobile stand (base with 5 castors and pole)	<b>10350**</b>	Inflation bulb with standard air-release valve, latex
<b>10392</b>	Basket (small) for mobile stand	<b>10393</b>	Basket (large) for mobile stand

\*\*Inflation bulb must be purchased with each spare cuff.

Please visit [riester.de](http://riester.de) for more information