


NOW WITH
**10 YEAR**
**WARRANTY!**

# big ben®

## Sphygmomanometer




**big ben®** 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.

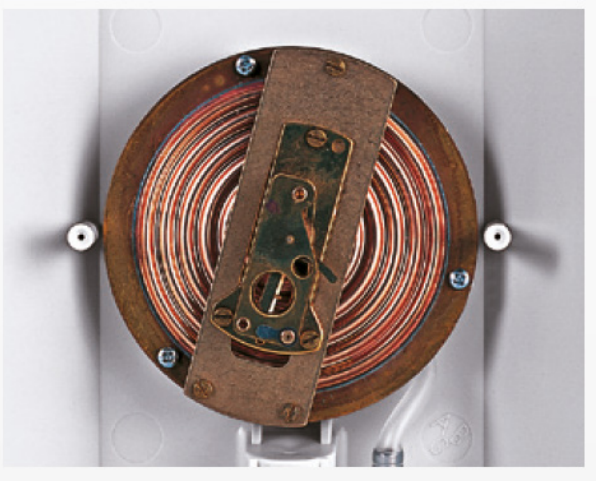



big ben® desk model

Riester

# 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® a trusted choice for blood pressure measurement across all clinical environments.



## The big ben® 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 [9.84 x 3.54 x 7.87 in]
- Large: 230 [L] x 230 [W] x 250 [H] mm [9.05 x 9.05 x 9.84 in]



Basket options for
big ben® mobile stand model



big ben® mobile stand model

# PRODUCT SPECIFICATIONS

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

# ORDERING INFORMATION*

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

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

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

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

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