



big ben[®]

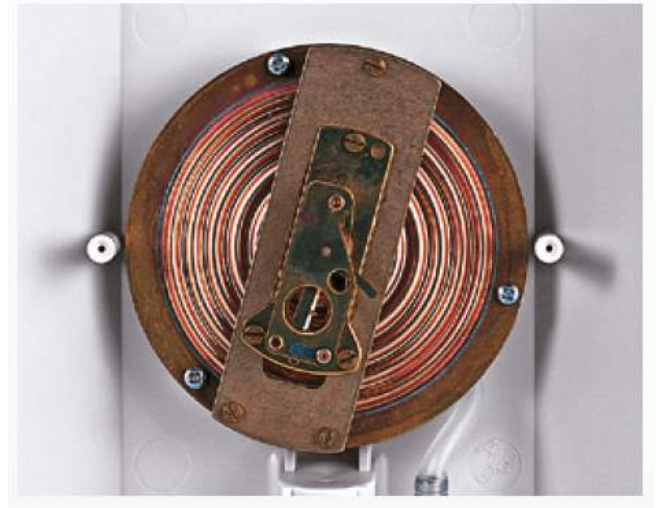
Sphygmomanometer

big ben[®] is a high grade, versatile and robustly designed aneroid sphygmomanometer. Available in round or square versions, offering the versatility in configuration with desk, wall, rail, or floor standing models.



Lifetime measuring technology

The Riester specially hardened copper-beryllium membrane offers a precision mechanism within a sturdy metal support, it has an extra-large pressure membrane that can withstand pressures up to 600 mm Hg



The iconic Riester design and top-quality finish makes the big ben® a popular choice in blood pressure measurements in all clinical environments.

Available in round or square versions, offering the versatility in configuration with desk, wall, rail, or floor standing models.

- › Easy to read, generously dimensioned scale (Ø 147.2mm or 145.5mm)
- › High-contrast visual display
- › Latex free
- › German engineered air-release valve with fine adjustment
- › Micro-filter to protect the release valve and measurement system to prevent contamination to internal mechanisms
- › Wall rail clamp mounting made of glass-fibre reinforced ABS plastic: as strong as steel.
- › Precision mechanism mounted on a special support, in order to ensure complete stability of the BP measuring system and the zero-point for calibration and consistent, accurate readings
- › Approved by the BIHS validation



Chromium-plated tube screw connection to allow quick changing of cuffs.

big ben® rail model



High blood pressure is a silent killer

It is a bigger risk factor than smoking, high blood sugar and obesity; in fact, it is the single biggest risk factor for all global disease with an associated cost of 1 trillion dollars over a 10-year period.

Blood pressure measurements are needed for long-term epidemiological studies, medical diagnosis, prevention and treatment of medical conditions and accuracy is of utmost importance.



big ben®

Available as modular option in configuration of the Riester **ri-former**®

- › Mobile base is made of fibreglass and a chrome plated pole, which is height adjustable (75 – 120 cm / 29.5 – 47.2 in), is easy to move due to low friction, anti-static, lockable castors. Diameter (53 cm / 20.9 in).
- › Spacious basket on the reverse side or on mobile stand, for tubes and cuffs
- › Optional basket attached to pole small: L250 x B90 x H200 mm
large: L230 x B230 x H250 mm

big ben® wall or rail model with **ri-former**®

big ben® mobile model
with **ri-former**®



PRODUCT SPECIFICATIONS

Dimensions:	Square: 198.7 mm, Dimensioned scale (145.5mm) Round: 198.7 mm, Dimensioned scale (Ø 147.2mm)
Options:	wall; desk; rail; mobile
Weight:	1600g; 1300g; 1200g; 4000g
Accuracy:	±3 mmHg (±2 mmHg Riester inhouse standard)
Calibration:	Lifetime measuring technology; No recalibration needed when used properly
Measurement conditions:	10 °C to 40 °C at a relative air humidity of 85 % (non-condensing)
Storage conditions:	-20 °C to 70 °C, at a relative air humidity of 85 % (non-condensing)
Measurement range:	0 to 300 mm Hg

ORDERING INFORMATION

1463	big ben® square wall, bandage cuff (adult)	1454	big ben® square desk, bandage cuff (adult)
1464	big ben® square wall, hook cuff (adult)	1455	big ben® square desk, hook cuff (adult)
1465	big ben® square wall, velcro cuff (adult)	1456	big ben® square desk, velcro cuff (adult)
1465-123	big ben® square wall, velcro cuff (large adult)	1456-123	big ben® square desk, velcro cuff (large adult)
1465-130	big ben® square wall, velcro cuff (children)	1456-130	big ben® square desk, velcro cuff (children)
1465-100	big ben® square wall manometer, wall support, w/o accessories	1456-100	big ben® square desk manometer, w/o clamp, w/o accessories
1457	big ben® round wall, bandage cuff (adult)	1451	big ben® round desk, bandage cuff (adult)
1458	big ben® round wall, hook cuff (adult)	1452	big ben® round desk, hook cuff (adult)
1459	big ben® round wall, velcro cuff (adult)	1453	big ben® round desk, velcro cuff (adult)
1459-123	big ben® round wall, velcro cuff (large adult)	1453-123	big ben® round desk, velcro cuff (large adult)
1459-130	big ben® round wall, velcro cuff (children)	1453-130	big ben® round desk, velcro cuff (children)
1459-100	big ben® round wall manometer, wall support, w/o accessories	1453-100	big ben® round desk manometer, w/o clamp, w/o accessories
1493	big ben® square rail, bandage cuff (adult)	1476	big ben® square floor, bandage cuff (adult)
1494	big ben® square rail, hook cuff (adult)	1477	big ben® square floor, hook cuff (adult)
1498	big ben® square rail, velcro cuff (adult)	1478	big ben® square floor, velcro cuff (adult)
1498-123	big ben® square rail, velcro cuff (large adult)	1478-123	big ben® square floor, velcro cuff (large adult)
1498-130	big ben® square rail, velcro cuff (children)	1478-130	big ben® square floor, velcro cuff (children)
1498-100	big ben® square rail manometer, w/o clamp, w/o accessories	1478-500	big ben® square floor manometer, velcro cuff (adult), w/o stand
1486	big ben® round rail, bandage cuff (adult)	1466	big ben® round floor, bandage cuff (adult)
1487	big ben® round rail, hook cuff (adult)	1467	big ben® round floor, hook cuff (adult)
1488	big ben® round rail, velcro cuff (adult)	1468	big ben® round floor, velcro cuff (adult)
1488-123	big ben® round rail, velcro cuff (large adult)	1468-123	big ben® round floor, velcro cuff (large adult)
1488-130	big ben® round rail, velcro cuff (children)	1468-130	big ben® round floor, velcro cuff (children)
1488-100	big ben® round rail manometer, w/o clamp, w/o accessories	1468-500	big ben® round floor manometer, velcro cuff (adult), w/o stand

Accessories

54663	Wall support 3 holes with 3 screws (to change to wall unit)	10392	Basket (small) for mobile stand
54665	Wall support 2 holes with 2 screws (to change to rail unit)	10393	Basket (large) for mobile stand
10382	Coiled latex tubing, black	10350*	Inflation bulb with standard air-release valve, latex
10384	Universal clamp for rail fastening	LF10350*	Inflation bulb with standard air-release valve, latex-free
10385	Mobile stand (base and pipe)	*Inflation bulbe must be purchased with each spare cuff	

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