



cBP 301

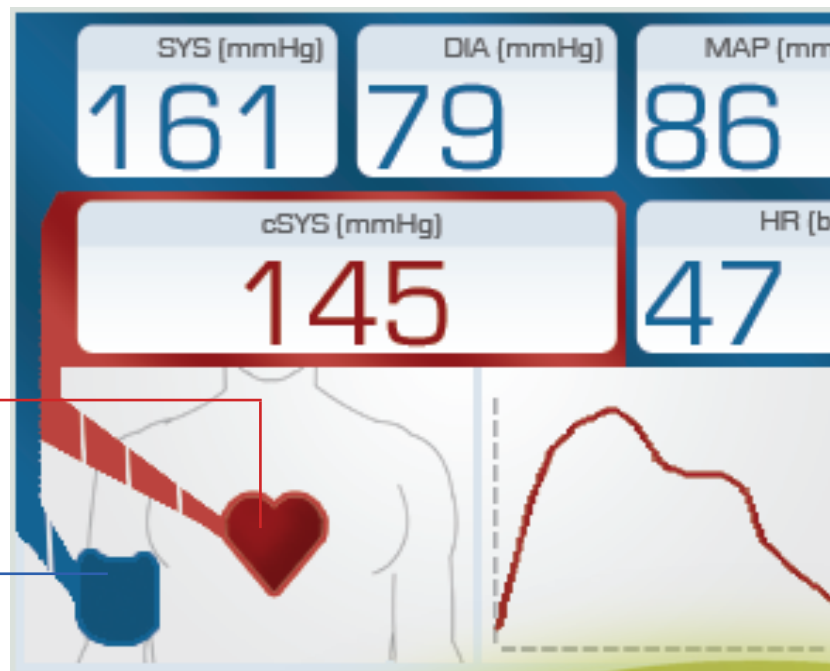
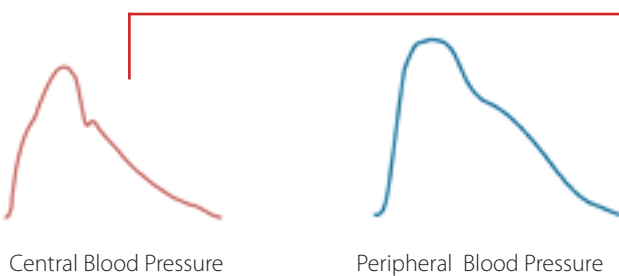
Central Blood Pressure Meter



Central blood pressure during routine measurement

As the blood pressure wave propagates from the heart to the peripheral arteries it becomes amplified like waves approaching a beach. Central systolic blood pressure is directly related to the load on the heart and is more closely related to target organ damage and cardiovascular events than peripheral brachial blood pressure.

Centron Diagnostics manufacture the only stand-alone blood pressure monitor to measure peripheral and central blood pressure using a single upper arm blood pressure cuff. The device uses technology developed at King's College London and has been validated against invasive measurements of central aortic blood pressure. Brachial blood pressure measurements are obtained using a standard validated oscillometric method.



Specifications

Range:

Systolic	40 – 260mmHg
Central Systolic	40 – 250mmHg
Diastolic	20 – 200mmHg
Mean Arterial Pressure	25 – 220mmHg
Heart Rate	30 – 220 bpm

Accuracy:

Pressures	Meets EN 1060-4
Heart Rate	+/- 2% or +/- 3bpm (whichever is the greater)

Power Supply:

4 x AA size Alkaline primary cells or universal mains adapter 100V to 240V, 250mA, 50/60Hz input 1.4 Amp, 6 Volt DC output

Operating Conditions:

0°C to 50°C, 15% to 95% RH, non condensing

Storage Conditions:

-20°C to 65°C, 15% to 95% RH, non condensing

 **Centron
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