



- ✓ Rapid and reliable central and brachial BP
- ✓ Precision waveforms, precision therapy
- ✓ Simple operation with familiar brachial cuff



“The
measure
of life.”



SPECIFICATION

Brachial Cuff Measurements	SYS, DIA, MAP, PR, PP
Central Measurements	cSYS, cDIA, cMAP, cPP
PWA Measurements	sAI, sPR, pPX, cPX, sPRV, sPPV, sRWTTf, sRWTTp, sSEP, sdP/dt, cFF, cMPP, PPA
Systolic Range	40 to 280 mmHg
Diastolic Range	20 to 200 mmHg
Mean Range	25 to 245 mmHg
Measurement Accuracy	±5 mmHg, Standard Deviation 8 mmHg
Cuff Pressure Range	0 to 300 mmHg
Pulse Rate Range	30 to 240 bpm
Pulse Rate Accuracy	±5%
Physical Dimensions	156 x 157 x 119 mm
Weight	730 g
Measurement Time	Typical measurement time within 45 seconds
Warranty	24 month warranty on the device 6 month warranty on cuffs

FEATURES



Simple to Operate SupraSystolic Cuff Based Technology

BP+ is the most advanced central BP monitor for diagnosis and treatment of hypertension and vascular health. Precise standalone, upper arm cuff based brachial BP+ monitoring which can be performed simply in the home or clinic within 45 seconds.



Innovative Technology High Acuity BP+ Waveforms

A codeveloped A&D research NIBP and Uscom BP+ technology combine to measure high acuity, central aortic, brachial and SupraSystolic waveforms using patent protected direct physical modeling. These unique waveforms provide new insights into cardiovascular function.



The New Standard - 22 Parameters of Central, Brachial and SupraSystolic BP

Pulse Wave Analysis of 10 seconds of central, brachial and SupraSystolic pulse pressure rhythm strips, yielding 22 BP+ parameters (5 basic, 4 central and 13 PWA measures) acquired in the same time as a standard brachial BP measure (measures displayed in BP+ Reporter).



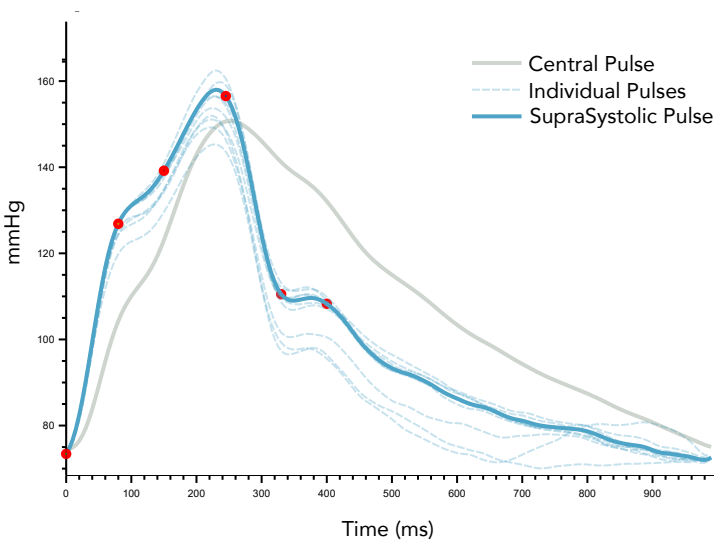
REPORTER



The BP+ and BP+ REPORTER is the **solution** for advanced hypertension management.



SupraSystolic Average Pulse Pressure



References:

1. Lin AC, Lowe A, Sidhu K, Harrison W, Ruygrok P, Stewart R. Evaluation of a novel sphygmomanometer, which estimates central aortic blood pressure from analysis of brachial artery suprasystolic pressure waves. J Hypertens. 2012
2. Park CM, Korolkova O, Davies JE, et al. Arterial pressure: agreement between a brachial cuff-based device and radial tonometry. J Hypertens. 2014
3. Climie RE, Schultz MG, Nikolic SB, Ahuja KD, Fell JW, Sharman JE. Validity and reliability of central blood pressure estimated by upper arm oscillometric cuff pressure. Am J Hypertens. 2012

FEATURES



The Revolutionary Digital BP Software

Unique proprietary digital archiving, analysis, trend monitoring, report generation and printing software including new research parameters of cardiovascular performance. Optional capability to upload results into custom cloud platforms.



Personalised Reporting Formats

Unique user defined report with personalised formatting and connection to printers and EMRs, and for digital transfer. Reports can include patient identification, examination location and examining clinician, clinical indications, clinical diagnosis, quantitative review, images and rhythm strips.



Cardiology Rhythm Strips

The most advanced technology in hypertensive monitoring developed specifically for acquisition, display, analysis and reporting of the BP+ brachial, SupraSystolic and central aortic waveforms and featuring a 10 second rhythm strip and unique variability plotting.

The Uscom BP+ REPORTER provides advanced analysis and reporting of central and brachial blood pressure.