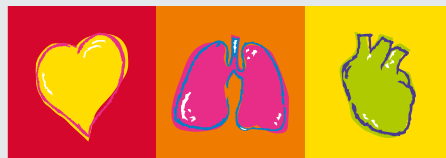




## BR-102 plus

SCHILLER's Ambulatory Blood Pressure Monitoring System combines outstanding accuracy and comfort



**SCHILLER**  
The Art of Diagnostics

# BR-102 plus

## A must-have for ambulatory blood pressure monitoring

The latest version of our established BR-102 plus device results from over 30 years' experience and close collaboration with renowned experts. Ambulatory blood pressure monitoring (ABPM) is considered the gold standard for blood pressure measurement by physicians worldwide. This method provides valuable diagnostic information that stationary hospital or home equipment is unable to provide, such as BP variability, nocturnal BP, as well as nocturnal BP fall and morning BP surge.

SCHILLER's ambulatory blood pressure monitoring system combines two measurement techniques - the auscultatory and the oscillometric - in one: both are used in parallel! This reliable combination ensures correct readings every time.

Furthermore, since the cuff will only inflate as much as necessary, it is hardly possible to hear or feel the BR-102 plus anymore. This added comfort leads to extremely accurate results that can be processed and analysed properly by the evaluation software DARWIN2 ABPM.



### Accuracy you can rely on

The BR-102 plus is clinically validated and meets all four internationally recognised standards:

- British Hypertension Society (BHS)<sup>1</sup>
- European Society of Hypertension International Protocol (ESH)<sup>1</sup>
- Association for the Advancement of Medical Instrumentation (AAMI) SP10
- Recommended by dabl® Educational Trust

<sup>1</sup> Test in progress

### Optimal patient comfort for precise results

- Motion-tolerant technology prevents re-inflation and failed readings
- Dynamic inflation to 30 mmHg above the previous systolic reading reduces measurement time
- Built-in pump, and thus almost silent
- Five cuff sizes, from the pediatric to the XL adult size, guarantee optimal measurement accuracy and maximum comfort





# DARWIN2 ABPM

## Analysis, interpretation and reporting

DARWIN2 ABPM is a user-friendly, Windows®-based program that allows maximum flexibility for configuration, analysis, interpretation and ABPM reporting. Comprehensive and professional reports can be generated in no time.

### Interpretive summary

Automated analysis of ABPM levels for normality and nocturnal fall according to the AHA<sup>1</sup>, ESH<sup>2</sup> or JNC7<sup>3</sup> guidelines.

### White-coat analysis

The first-hour data is compared to the full 24-hour results. The software indicates whether the patient presents with a white-coat hypertension.

### One-page report

The one-page report includes ABPM graph, interpretive summary, nocturnal BP fall analysis, and statistics with selected patient data.

### Clear presentation of statistical results

Statistics are provided for awake and asleep phases as well as for all other phases, and include average blood pressure, heart rate, pulse pressure, mean arterial pressure and BP load.

- <sup>1</sup> Recommendations for blood pressure measurement in humans, American Heart Association, 2005.
- <sup>2</sup> ESH/ESC Guidelines for the management of arterial hypertension, 2013.
- <sup>3</sup> Seventh report of the joint national committee on prevention, detection, evaluation, and treatment of high blood pressure, 2003.

### An ultramodern and versatile device

- Light and compact design
- Simple to set up and operate
- Intended use: white-coat hypertension, drug-resistant hypertension, masked hypertension, hypotensive symptoms with antihypertensive medications



Create clear reports quickly and easily using the DARWIN2 modular reporting system. The level of detail and appearance of reports can be customized at will.



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