



# ABPM

custo screen 300 | up to 72 hours of recording



## custo screen 300

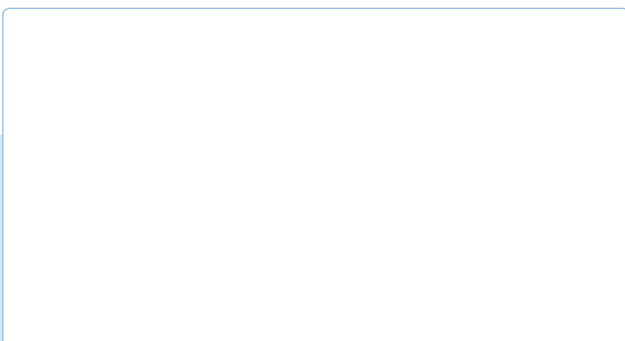
- Higher patient comfort due to low operating noise and blood pressure adapted inflation control
- High reliability due to two pressure relief valves
- Skin-friendly, synthetic cuff in sizes S to XXL
- Wireless data transfer from the recorder to the PC
- Precise measurement even during atrial fibrillation
- Validated according to ESH International Protocol 2010

## custo diagnostic (software)

- Comparison of all examinations of a patient
- Easy reporting with predefined text modules
- Clear A4 printouts on normal paper
- Paperless medical practice: mailing of evaluations and findings in email, fax and PDF format as well as in an evaluation file (.cst)
- Versatile connection possibilities into existing IT structures (HL7, FDA-XML, SQL, GDT, SCP)



Your authorised custo med dealer



## Technical data custo screen 300

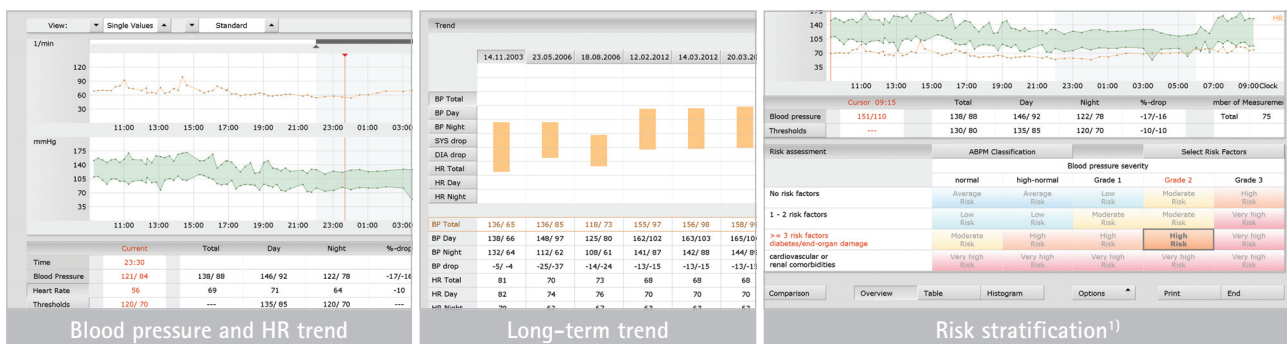
|                             |                                                                 |                    |           |
|-----------------------------|-----------------------------------------------------------------|--------------------|-----------|
| Measurement method          | Oscillometric measurement procedure<br>automatic zero balancing |                    |           |
| Measurement range           | Heart rate                                                      | 35 – 220 beats/min |           |
|                             | Systolic blood pressure                                         | 70 – 270 mmHg      |           |
|                             | Diastolic blood pressure                                        | 40 – 155 mmHg      |           |
| Measuring accuracy          |                                                                 | Systole            | Diastole  |
|                             | Average deviation                                               | -0.5 mmHg          | -0.1 mmHg |
|                             | Standard deviation                                              | 4.5 mmHg           | 3,3 mmHg  |
| Max. number of measurements | max. 500                                                        |                    |           |
| Recording time              | max. 72 hours                                                   |                    |           |
| Duration of one measurement | approx. 30 seconds                                              |                    |           |
| Measuring intervals         | can be set to 5 to 90 minutes in the software                   |                    |           |
| Cuff pressure               | max. 300 mmHg                                                   |                    |           |
| Cuff sizes                  | small (children)                                                | 20 – 24 cm         |           |
|                             | Standard with/without retainer                                  | 24 – 32 cm         |           |
|                             | X-large with retainer                                           | 32 – 40 cm         |           |
|                             | XX-large with/without retainer                                  | 38 – 50 cm         |           |
| Data transfer               | custo com IR infrared interface with USB connection             |                    |           |
| Power supply                | 3 Mignon 1.5 V, type AA                                         |                    |           |
|                             | 3 rechargeable batteries, Ni-MH, 1.2 V, min. 1500 mAh           |                    |           |
| Dimensions                  | approx. 100 * 66 * 26 mm (L * W * H)                            |                    |           |
| Weight                      | approx. 159 g (without batteries)                               |                    |           |
| Classification              | Device with internal power supply, Class IIa, Type BF           |                    |           |
| Applied standards           | IEC 60601-1, IEC 60601-1-2, IEC 80601-2-30, IEC 60601-2-47      |                    |           |

Components for ABPM:  
 custo screen 300  
 blood pressure cuff  
 (size: standard)  
 3 batteries  
 neoprene bag  
 belt  
 custo com IR

Accessories:  
 custo screen protect  
 washable fleece pads  
 for more hygiene and  
 comfort when wearing  
 the blood pressure cuff

## ABPM software functions

- Presentation of the measured values as a trend with hourly and individual values, as a pie chart or as a table
- Patient diary which can be printed and kept digitally
- Therapy monitoring due to automatic long-term trend
- **NEW<sup>1)</sup>**: Risk stratification according to German and international directives – creation of an individual risk profile based on the blood pressure values and existing risk factors



1) Only with custo screen professional