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

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Technical data custo screen 300

Measurement method	Oscillometric measurement procedure 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[1]:** Risk stratification according to German and international directives – creation of an individual risk profile based on the blood pressure values and existing risk factors

Blood pressure and HR trend

Long-term trend

Risk stratification[1]

1) Only with custo screen professional

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