

flexible

USB

mobile

GDT

Ambulatory Blood Pressure Monitor

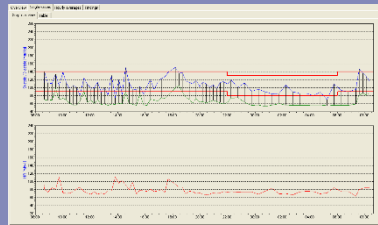
PhysioQuant

PC-ABPM

EnviteC PhysioQuant Ambulatory Blood Pressure Monitor system

Visiting a doctor's practice can sometimes cause mental stress, in some cases causing the patient's blood pressure to increase. Or you need exact data during the day and night rhythm. The special developed oscillometric measuring method of PhysioQuant eliminates the Artifact interferences and stands for precise patient data up to 30 hours or up to 200 measurements. You can chose between different measuring programs for day and night.

As a place of patients well being and confidence, all kinds of stress caused by medical examination affecting your patient should be avoided. That's why the PhysioQuant is designed small and lightweight, fitting perfectly into the patient's privacy. Your patient will benefit from the quiet and ergonomically designed system not only during the night hours. The range of high quality accessories makes the product as convenient as possible and provides maximum flexibility and easy handling. The intuitive to handle PhysioQuant-Windows® software, thus the simple Recorder- programming makes the daily work with this system fast and safe



Time	Systolic	Diastolic	HR
08:00	120	80	75
08:15	115	75	70
08:30	125	85	80
08:45	130	90	85
09:00	120	80	75
09:15	115	75	70
09:30	125	85	80
09:45	130	90	85
10:00	120	80	75
10:15	115	75	70
10:30	125	85	80
10:45	130	90	85
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11:15	115	75	70
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12:30	125	85	80
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13:15	115	75	70
13:30	125	85	80
13:45	130	90	85
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14:15	115	75	70
14:30	125	85	80
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15:30	125	85	80
15:45	130	90	85
16:00	120	80	75
16:15	115	75	70
16:30	125	85	80
16:45	130	90	85
17:00	120	80	75
17:15	115	75	70
17:30	125	85	80
17:45	130	90	85
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06:00	120	80	75
06:15	115	75	70
06:30	125	85	80
06:45	130	90	85
07:00	120	80	75
07:15	115	75	70
07:30	125	85	80
07:45	130	90	85
08:00	120	80	75

The large-scaled graphics and analytical functions offered by the PhysioQuant-Windows® documentation software optimize the data processing and allow a well-founded evaluation of the results, reliable diagnosis and therapy control. Beside the diagram of the curves for Systole, Diastole and Heart frequency naturally also all measured values and results can be indicated numerically in the form of tables. The interface connector cable makes easy the installation into the electronic data processing systems in today's medical environment.

Measurement

Measuring method	Oscillometric
Measuring time	0 – 45 s
Data retention	Unlimited
Measurement-Interval	2 – 90 min, programmable
Capacity	200 measurements or 30 hrs

Parameter	Value	Unit
SBP	160	mmHg
DBP	100	mmHg
HR	100	beats/min
HRV	50	ms
HRV2	50	ms
HRV3	50	ms
HRV4	50	ms
HRV5	50	ms
HRV6	50	ms
HRV7	50	ms
HRV8	50	ms
HRV9	50	ms
HRV10	50	ms
HRV11	50	ms
HRV12	50	ms
HRV13	50	ms
HRV14	50	ms
HRV15	50	ms
HRV16	50	ms
HRV17	50	ms
HRV18	50	ms
HRV19	50	ms
HRV20	50	ms

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HRV9	50	ms
HRV10	50	ms
HRV11	50	ms
HRV12	50	ms
HRV13	50	ms
HRV14	50	ms
HRV15	50	ms
HRV16	50	ms
HRV17	50	ms
HRV18	50	ms
HRV19	50	ms
HRV20	50	ms

Measuring range

Systolic	60 – 260 mmHg
Diastolic	40 – 220 mmHg
Heart rate (HR)	35 – 240 beats per minute

Display

Patient-Display	LCD (measuring results, error codes)
Control panel	Keyboard (Start/Stop, Day/Night, Info)

NIBP-Cuff

Connection	Metal-Notch-Connector
Size	Different sizes available
Max. cuff pressure	300 mmHg maximal

Miscellaneous

Dimensions (h x w x d)	10,5 cm x 8,0 cm x 2,7 cm
Weight	190 g (with batteries)
Power supply	2 size AA alkaline batteries or 2 size AA NiMH rechargeable batteries (type Mingnon AA/1500mAh)

PC requirements

Operating system	WINDOWS™ 10	HDD	at least 250 GB
CPU	Intel Core i3 or Core i5	Interfaces	USB-Port
RAM	2 GB RAM		

Our products are up from development to manufacturing subject to a certified Quality Management System in accordance to the EN ISO 13485:2016 directives. All products are CE marked.



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The illustrations within this brochure show some optional features. All information represents the technical product status at date of printing. Changes due to technical advancements are subject to modifications and amendment. (Rev. A02-2020)