

Expertise and Quality



NIBP

PhysioQuant

Ambulatory blood pressure system
Better diagnosis through reliable data
Comfortable in application
Large-Scale visual data presentation

Medical technology
Monitors

PhysioQuant

Better diagnosis through reliable data

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.

Comfortable in Application

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.

Large-Scale Visual Data Presentation

The large-scaled graphics and analytical functions offered by the PhysioQuant-Windows® documentation software optimise 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.

Technical data

Measurement	
Measuring method	Oscillometric
Measuring time	30 – 45 s
Data retention	unlimited
Measurement-Interval	2 – 90 min, programmable
Capacity	200 measurements or 30 hrs
Measuring range	
Systolic	60 – 260 mm Hg
Diastolic	40 – 220 mm Hg
Heart rate (HR)	35 – 240 beats per minute
NIBP-Cuff	
Connection	Metal-Notch-Connector
Size	Different sizes available
Max. cuff pressure	300 mm Hg
Display	
Patient-Display	LCD (measuring results, error codes)
Control panel	Start/Stop, Day/Night, Info)
Interface	
PC-Connection	digital Interface (RS232/USB via adapter)
Ambient conditions	
Operating temperature	+10°C bis +40°C
Operating humidity	30 – 75 % (not condensing)
Pressure	700 – 1060 hPa
Batteries	
	2 size AA alkaline batteries or
	2 size AA NiMH rechargeable batteries
	(type Mingnon AA/1500mAh)
Dimensions and weight	
	99 x 80 x 27 mm (h x w x d)
	Weight without rechargeable Batteries 162 g, with batteries 214 g