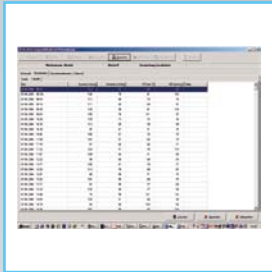


Fast Measurement and Documentation



NIBP & SpO₂

PhysioDesk

Blood pressure and SpO₂ combi station.
Better diagnosis through
fast and digital datas

Medical technology
Monitors

Blood pressure and SpO₂ combi station



PhysioDesk is truly a user friendly and flexible desktop Vital Signs Device, it's a must have addition for all Doctors and healthcare professionals' providing key vital signs measurements: Non-Invasive Blood Pressure with Diastolic & Systolic values, % Oxygen saturation levels and Heart rate in BPM. The unique, 'Patient analysis Software' program allows storage of all measured values, plus the manual input of additional (non-measured) values to be combined, making a truly powerful desktop patient data information system. With a simple PC interface connection from PhysioDesk to your PC (not supplied) it will allow you to view

and share the data across your clinical network. PhysioDesk your first choice for desktop Vital Signs measurement.

Large-Scale Visual data presentation

The large-scaled graphics and analytical functions offered by the PhysioDesk-Windows documentation software optimize the data processing and allow a founded evaluation of the results, reliable diagnosis and therapy control. Beside the graphs/diagrams of the curves for the measured values; all measured values and results can be indicated numerically

in the form of tables. Additional integration of non measured values can be manually added to advance the patient documentation range. Patient related information will be stored in a patient database on the PC, which will be viewable from one PC or from each PC in a network.

Using the interface cable allows easy connection with electronic data processing systems in today's medical environment.

Technical data

Measurement NIBP part	
Measuring method	Oscillometric
Measuring range	25-280 mmHg Systolic 10-220 mmHg Diastolic 15-260 mmHg MAP
Over pressure limits	300 mmHg
Time required for BP measurement	typical 25 s
Measurement SpO ₂ part	
SpO₂	45 to 100 %
Pulse frequency	20 to 300 BPM
Saturation	+/- 2 % (70 to 100 %), not specified below 70 %
Pulse frequency	+/- 1 BPM to 100 BPM +/- 1 % > 100 BPM
User Interface	
Display	Graphic display with backlighting, Indications of systolic and diastolic pressure, % SpO ₂ , heart rate, sensor status
Keyboard	On/Off, Start, Menu /Enter, Measuring initialisation also through PC-Software (PhysioQuant Win)
Interface	to PC (Windows) USB 2.0, GDT standard (Device Data Transfer)
PC-Software	Documentation of patient related parameter, automatically update of values measured by PhysioQuant to the patient file, configuration of manually taken parameters
Ambient conditions	
Operating temperature	0° to + 45°C
Storage temperature	-20° to 70°C
Humidity	0 to 90 % (non condensing)
Measurement process	Split pulse wave with Fuzzy Logic Control
Power supply	Input: 100 -240 VAC @ 50-60 Hz Output: 6 VDC @ 2,8 A
Dimensions	190 x 190 x 170 mm
Weight	ca. 1160 g
Classification acc. EC directive 93/42/EEC	IIb