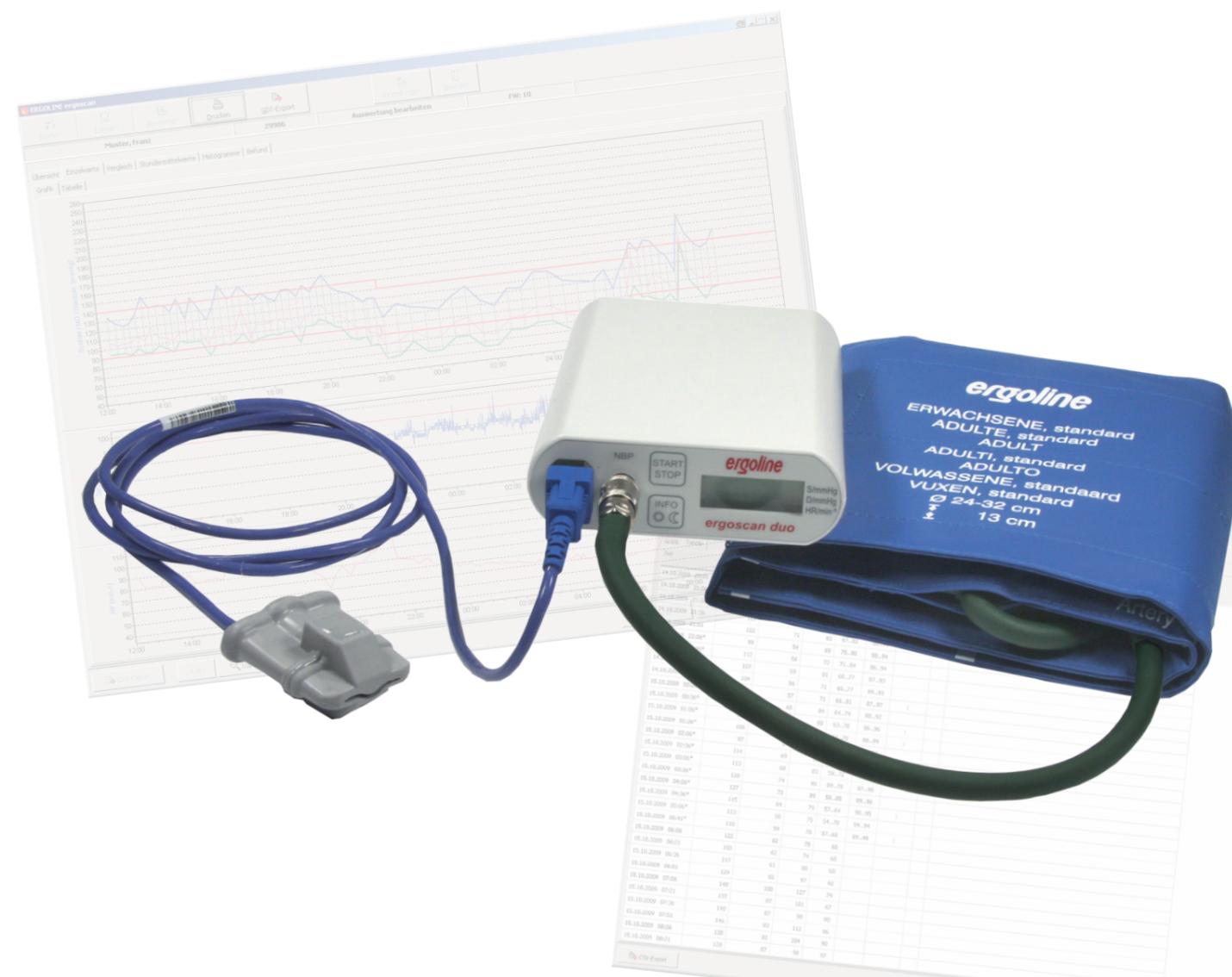


Technical data

Blood pressure measurement	
Measuring method	oscillometric
Measuring time	30 – 45 s
Data retention	unlimited
Measurement intervals	2 – 90 min, programmable
Measuring range	
Systolic	60 – 260 mmHg
Diastolic	40 – 220 mmHg
Heart rate (HR)	35 – 240 beats per minute
Cuff	
Connector	metal notch connector
Size	different sizes available
Cuff pressure	300 mmHg max.
SpO ₂ measurement	
Measuring range SpO ₂	45 – 100 %
Heart rate	20 – 300 1/min
Accuracy SpO ₂	+/- 2 % (70 to 100 %)
Heart rate	+/- 1 digit (to 100/min) +/- 1 % (> 100/min)
Measurement process	ChipOx® Technology (Split Pulse Wave with Fuzzy Logic Control)
Sampling rate (SpO ₂ values)	every 1, 2, 5 sec
Connector SpO ₂ sensor	MiniMed connector
Display / Control panel	
Patient display	LCD (measuring results, SpO ₂ value, error codes)
Operating controls	membrane keypad (START/STOP, day/night/INFO)
Interface	
PC connection	digital interface (USB)
Miscellaneous	
Dimensions (L x W x H)	11.0 cm x 8.1 cm x 2.7 cm
Weight	196 g (incl. batteries)
Power	2 NiMH rechargeable batteries (size AA / 2200 mAh)

ergoscan duo



ergoline

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Ambulatory Blood Pressure Measurement
with SpO₂ recording

Development and production of all ergoline products are subject to a certified quality management system according to DIN EN ISO 13485:2003.
All products are CE-marked and fulfill the requirements of the Medical Device Directive 93/42/EEC.

All information provided is based on data valid at the date of printing.
Subject to modifications.

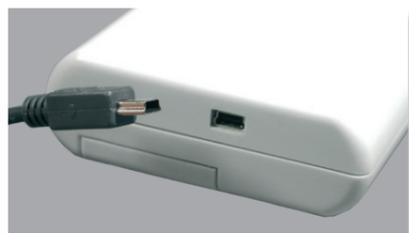
ergoline



Thoughtfully designed control panel



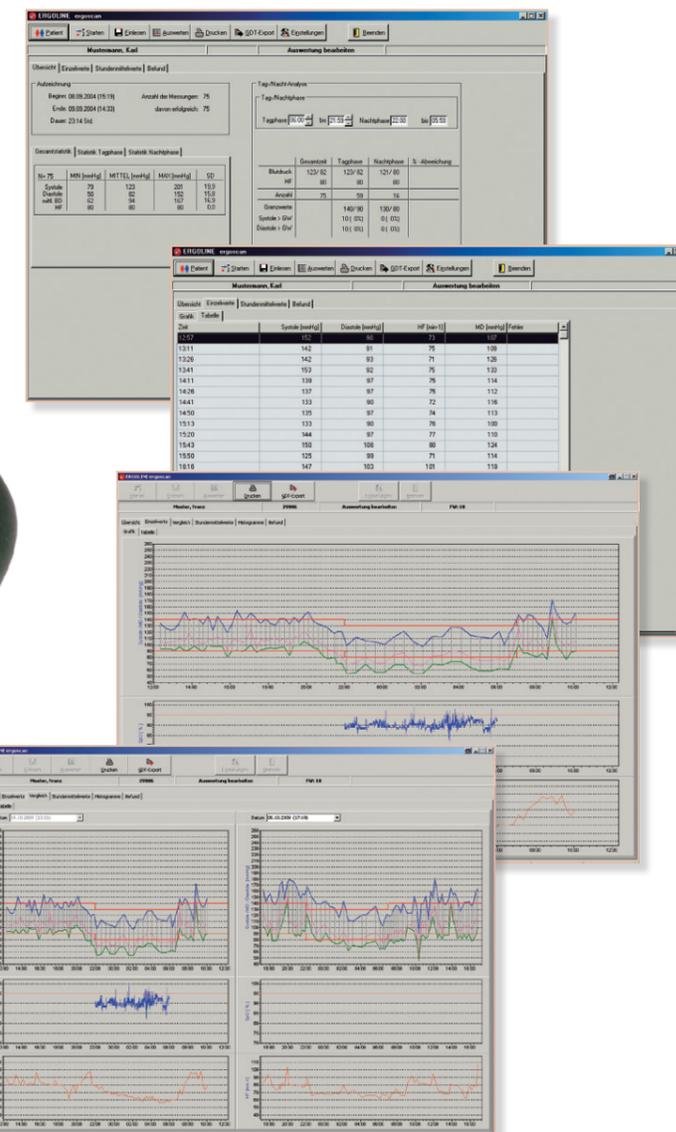
Metal cuff connector



Reliable data transfer to PC



Operation with only 2 AA-size rechargeable batteries



ergoscan duo

Ambulatory Blood Pressure with Sleep Apnea Screening

ergoscan duo is the ideal screening unit for patients with suspected sleep apnea. In addition to the programmed blood pressure measurements, the unit records the patient's oxygen saturation levels (SpO2) continuously during the night. This helps clarify the diagnosis before spending time and money for a costly test in the sleep lab.

comfortable

The ergoscan duo recorder uses the oscillometric measuring method which makes for short measurements; its ergonomic design and, above all, its light weight guarantee patient comfort during the test.

In addition, the comfortable SoftTip® sensor that can be attached by the patients themselves reliably records the oxygen saturation levels (SpO2) during the night.

When starting the recorder, the user can define individual monitoring periods.

clear

The Windows® software (with integrated patient database) with its intuitive operating concept offers a variety of display formats as well as features for analyzing and comparing tests, thus providing a sound basis for evaluating the results, establishing a reliable diagnosis and controlling therapy outcome.

The graphic representation of the blood pressure curves is supplemented by the corresponding oxygen saturation values. This allows the physician to easily identify phases of desaturation that occurred during the night.

All measured values and results can also be viewed in numeric form as tables or lists.

functional

Easy programming of the recorder as well as fast and safe data transfer (USB) simplify your daily work with the system.

Installing the unit in an existing network environment and connection to an office or hospital information system via GDT is no problem at all.

Only 2 rechargeable batteries (AA size) are required for a full 24-hour recording.