Technical data

Measurement	
Measuring method	oscillometric
Measuring time	30 – 45 s
Data retention	unlimited
Measurement intervals	2 – 90 min, programmable
Capacity	200 measurements or 30 h
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.
Display / Control panel	
Patient display	LCD (measuring results, error codes)
Operating controls	membrane keypad (START/STOP, day/night, INFO)
Validation	
BHS	clinically validated due to BHS protocol
Interface	
PC connection	digital interface (USB)
Miscellaneous	
Dimensions (L x W x H)	10.5 cm x 8.0 cm x 2.7 cm
Weight	190 g (incl. batteries)
Operating temperature	+10°C to +40°C (50°F to 104 °F)
Rel. humidity (operation)	30 - 75 % (no condensation)
Atmospheric pressure	700 - 1060 hPa
Power	2 NiMH rechargeable batteries (size AA / 1500 mAh)

ergoscan

Ambulatory Blood Pressure Measurement

ergoline

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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 fullfill 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.

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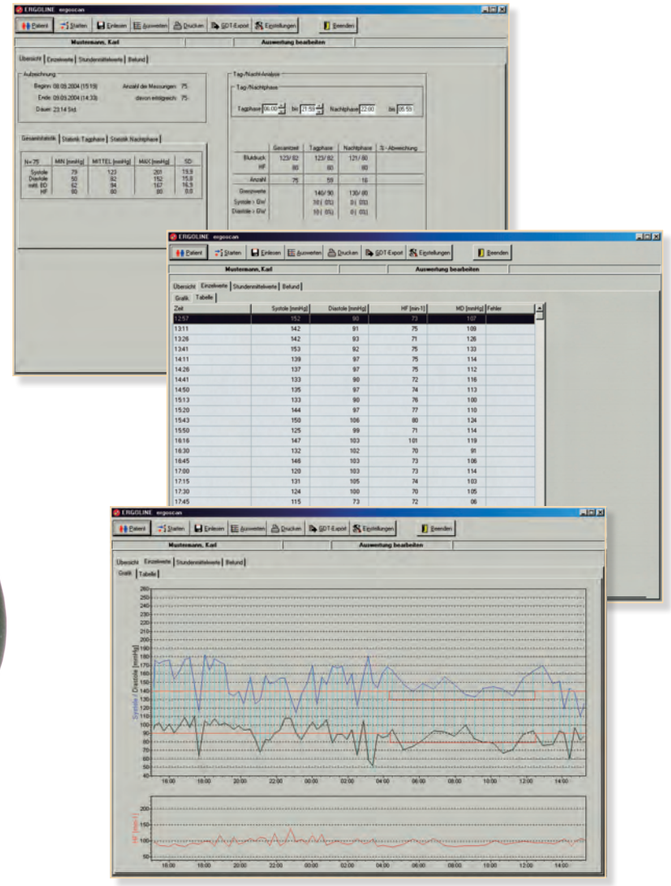

Metal cuff connector

Reliable data transfer to PC

Thoughtfully designed control panel

Operation with only 2 AA-size rechargable batteries

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ergoscan - the state-of-the-art, noninvasive 24 hour ambulatory blood pressure system- is designed to provide precise measurements. Reliable artifact rejection is ensured by specially developed algorithms.

The latest in microelectronic technology using high quality components, controlled production processes and last but not least a favorable price-performance ratio are important features of this system.

comfortable

Using the oscillometric measuring method, no bothersome electrodes or microphones are needed.

The short measurement time, an ergonomic design and the very low weight of the blood pressure recorder (only 190 grams incl. batteries) ensure high wearing comfort for the patient.

The intuitive ergoscan-Windows® software makes your everyday work a breeze by guiding you through the recorder programming steps and by offering fast and safe data transfer and an integrated patient database.

clear

The various display formats and analytical functions offered by the ergoscan-Windows® documentation software optimize data processing and provide a sound basis for evaluation of the results, reliable diagnosis and therapy control.

In addition to the graphic presentation of systole, diastole and heart rate, all measured values and results can, of course, also be displayed numerically in tables.

Network installation as well as data exchange with electronic patient record systems is not problem at all.

functional

With the integrated day/night button the patient can switch to the night interval, irrespective of the preprogrammed timing. This allows you to accurately analyze the diagnostically important differences between day and night without subsequent manual corrections.

Additional measurements may be initiated at any time by a key press. The INFO button can be pressed to display the most recent readings.

Only 2 AA-size rechargeable batteries are necessary to record and monitor the patient's blood pressure for a full 24 hour period.