

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) | |
| Interface | | |
| PC connection | digital interface (RS-232 / USB via adapter) | |
| 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 alkaline batteries (size AA) / 2 NiMH rechargeable batteries (size AA / 1500 mAh) | |

ergoscan



Ambulatory Blood Pressure Measurement

ergoline

ergoline GmbH
Lindenstrasse 5
D-72475 Bitz
Germany
Tel.: +49-(0)-7431 - 9894 - 0
Fax: +49-(0)-7431 - 9894 - 128
email: info@ergoline.com
internet: www.ergoline.com

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.

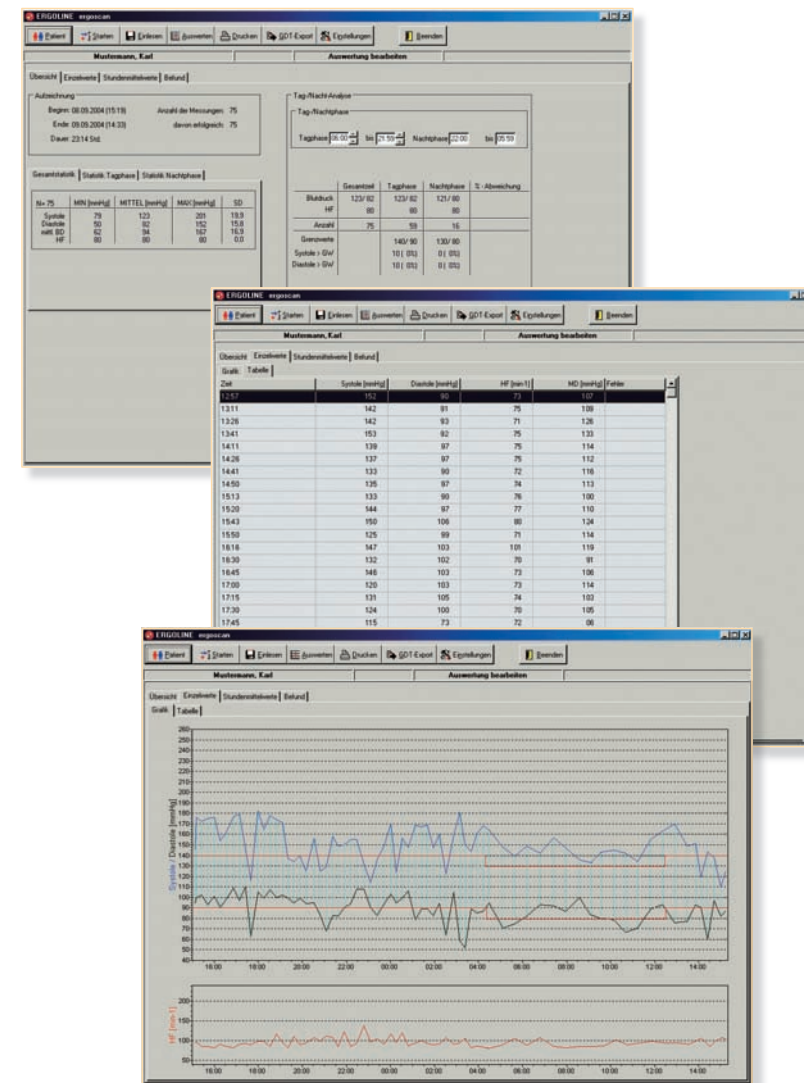
ergoline



ergoscan

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.



Metal cuff connector



Reliable data transfer to PC



Thoughtfully designed control panel



Operation with only 2 AA-size batteries

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.