



Everything for cardiopulmonary functional diagnostics

Our hardware



Our company profile



We are a medium-sized medical technology company founded in 1987.

With the introduction of the first digital ECG recorder, we established ourselves as a provider of high-quality products for cardiopulmonary functional diagnostics. We have developed and marketed innovative medical devices for medical practices and hospitals for over 30 years.

In addition to our PADS software, we have several ECG amplifiers, suction systems, treadmills and bicycle ergometers in the resting and stress ECG range. You also have a choice between different recorders for long-term ECG and long-term blood pressure examinations. Spirometry rounds off our range, and we offer you a matching sensor for that.

We work closely with our manufacturers to offer high-quality products in our range. This constant exchange enables our products to be continuously further developed and adapted to market requirements.

The persistent will to meet the needs of medical practice while adapting quickly and innovatively to new challenges is our strength.

Since 2017, Medset has been part of the successful Zimmer MedizinSysteme GmbH in Neu-Ulm. This collaboration offers a broad basis for exciting developments — both for our customers and for each individual colleague.

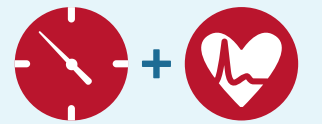
Medset — Innovative manufacturer of software for functional diagnostics!

How to contact us:

Medset Medizintechnik GmbH
Curslackner Neuer Deich 66
21029 Hamburg · Germany

Tel. +49 (0) 40/725 822-0
Fax +49 (0) 40/725 822-11

www.medset.com
info@medset.com



ECG TIME

The best result
with maximum comfort

- A small, lightweight recorder that is very comfortable to wear
- Three high-quality ECG channels and pacemaker detection
- Display of names and ECG channels on the colour display
- Easy connection to **PADSY Holter**

ECG TIME S/S_{Accu}

A new dimension
of comfort and
performance

- The patch recorder's ergonomic shape makes it very comfortable to wear
- Wireless, small and light
- Storage capacity of up to 60 days
- Easy to configure, commission and use
- Bluetooth interface
- Easy connection to **PADSY Holter**



Exemplary illustration;
application identical for both recorders



ECG TOP D/BT

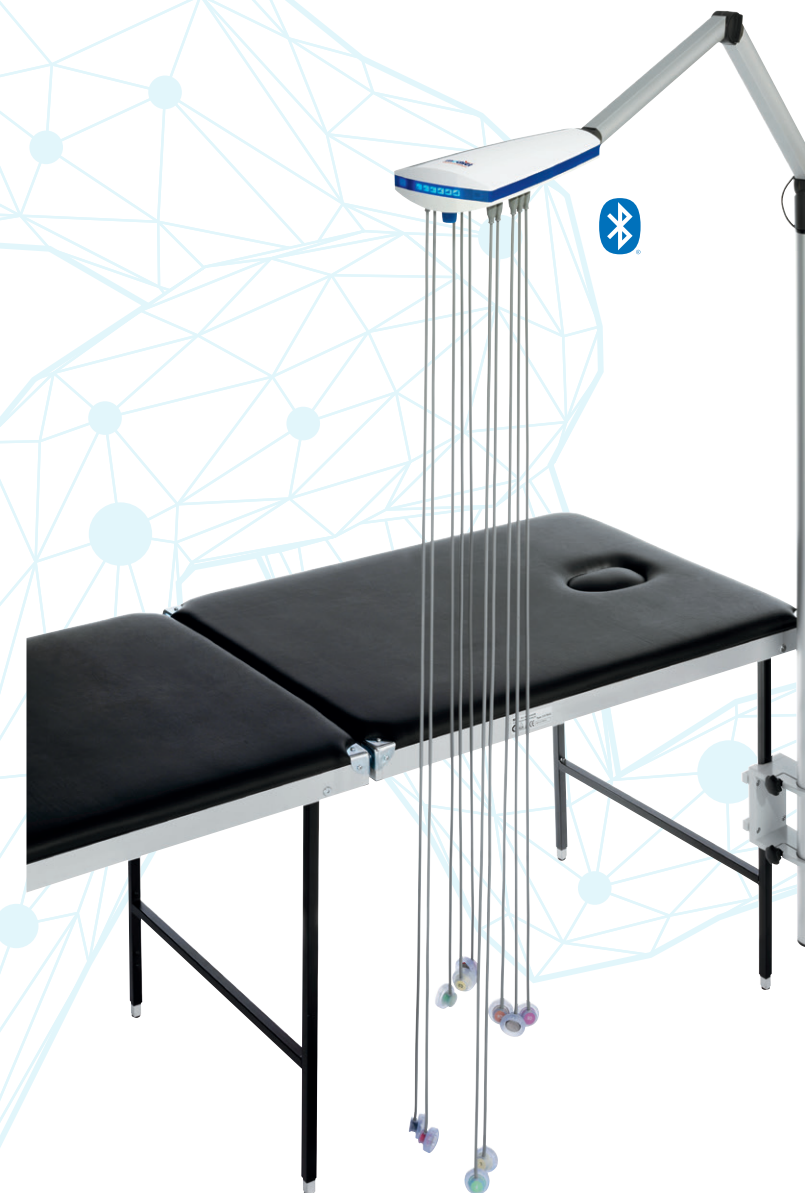
12-lead ECG amplifier for resting and stress ECGs



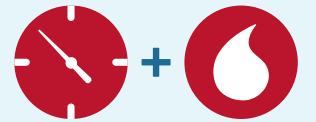
- ♥ Design and innovation in one product
- ♥ Mobile working
- ♥ Connectable to standard suction systems with an HDMI plug
- ♥ Inductive charging
- ♥ High sampling rate for very good signal quality
- ♥ Pacemaker spike detection
- ♥ Optionally usable via USB and BT
- ♥ Easy connection to **PADSY ECG/Ergo**

ECG AIR / BT

Modern and mobile suction unit technology



- ♥ A new dimension of signal quality
- ♥ Optionally with integrated ECG amplifier
- ♥ Continuously adjustable negative pressure
- ♥ Quiet operation
- ♥ Hygienic thanks to automatic cleaning
- ♥ Mobile, flexible and adaptable
- ♥ Various mounting holders (table, trolley, wall)
- ♥ Easy connection to **PADSY ECG/Ergo**



ECG MOBILE/CARDIOTAB 2

by CardioShield

Compact 12-channel ECG devices for greater flexibility



ECG Mobile

- A small, lightweight recorder for mobile working
- Simple and intuitive to operate – quick to start-up, even without a computer
- Secure ECG leads via integrated electrode contact measurement
- Data transmission via WLAN

CardioTab 2

- Design and convenience in one device
- A modern, compact recorder for home and nursing facility visits
- Flexible ECG printing regardless of location
- Data transmission via (W)LAN

• Worklist feature – easy to integrate into **ECG Worklist**

• Easy connection to **PADSY ECG**

SCANLIGHT III

The efficient long-term blood pressure system

- Oscillometric measurement method
- Low initial pressure and short measuring times
- Day/night button for individual sleep and wake phases
- Bluetooth interface
- Optionally usable via USB and BT
- Easy connection to **PADSY RR**









SPIROSOUND

Sensor for lung function diagnostics



-  Ultrasonic measurement technology
-  High measurement accuracy
-  Ergonomic shape
-  Disposable spirettes for hygiene and safety
-  Compatible with inline filters
-  Easy connection to **PADSY Spiro**

ECG Time

General

- Recording time: 1, 2 or 3 days
- Dimensions: 67 x 53 x 15.5 mm
- Weight: 40 g
- Power supply: 1 x AAA battery
- Data storage: SD card
- Data transfer: SD card

Technical specifications

- Pacemaker spike detection: yes
- Sampling rate: 256 Hz
- Signal resolution: 12 bit
- 3 channels with 5-pin cable

ECG Time S/SAccu

General

- Operating time with only one battery/charge:
 - up to 9 days (ECG Time S)
 - up to 12 days (ECG Time SAccu)
- Storage capacity of up to 60 days
- Dimensions:
 - ECG Time S: 71,5 x 46 x 14,7 mm
 - ECG Time SAccu: 50 x 50 x 13,5 mm
- Weight:
 - ECG Time S: 30 g
 - ECG Time SAccu: 23 g
- Power supply: 1 x AAAA battery or rechargeable version
- Data storage: internal
- Data transmission: BT and micro USB

Technical specifications

- Pacemaker spike detection: yes
- Sampling rate: ≥ 200 Hz
- Signal resolution: 16 bit
- Patch recorder with 3 ECG channels

ECG TOP D/BT

General

- Dimensions: 115 x 90 x 33 mm
- Weight: 200 g
- Power supply: USB or inductive
- Data transfer: BT or USB-A

Technical specifications

- Pacemaker spike detection: yes
- Sampling rate: up to 32 kHz
- Signal resolution: up to 24 bit
- Galvanic isolation/defibrillation resistance: 5 kV
- 12 ECG leads
- HDMI/SUB-D adapter for suction system
- HDMI connection for patient cable

ECG Air/BT

General

- Swivel arm dimensions: 110 x 16 x 37 cm
- Overall height: 168 cm
- Weight: 7 kg
- Suction system: 30 to 200 hPa ($\pm 10\%$)
- Power supply: mains plug
- Data transmission: BT or depending on the amplifier

Technical specifications

- Pacemaker spike detection: yes
- Sampling rate: up to 32 kHz or depending on the amplifier
- Signal resolution: up to 24 bits or depending on the amplifier
- Galvanic isolation/defibrillation resistance: 5 kV
- 12 ECG leads

ECG Mobile by CardioShield

General

- Storage capacity: up to 200 recordings
- Dimensions: 126.5 x 75.8 x 24 mm
- Weight: 168 g
- Power supply: integrated battery
- Data storage: internal
- Data transfer: WLAN

Technical specifications

- Pacemaker spike detection: yes
- Sampling rate: up to 10.24 kHz
- Signal resolution: up to 24 bit
- Galvanic isolation/defibrillation resistance: 5 kV
- 12 ECG leads

CardioTab 2

General

- Storage capacity: up to 1,500 recordings
- Dimensions: 275 x 230 x 47.5 mm
- Weight: 1.6 kg
- Power supply: integrated battery/mains plug
- Battery power: min. 4 hours (continuous operation)
- Data storage: internal, SD card or USB stick
- Data transfer: (W)LAN or USB-A

Technical specifications

- Pacemaker spike detection: yes
- Sampling rate: up to 32 kHz
- Signal resolution: up to 24 bit
- Galvanic isolation/defibrillation resistance: 5 kV
- 12 ECG leads
- Monitor: 10.4-inch LCD colour screen
- Printing method: integrated thermal head printing

Scanlight III

General

- Storage capacity: up to 300 measurements
- Dimensions: 128 x 75 x 30 mm
- Weight: 240 g
- Power supply: 2 x AA battery or 2 x rechargeable batteries
- Data storage: internal
- Data transfer: BT, serial or USB-A

Technical specifications

- Measuring method: oscillometric
- Measuring range: systolic 60 – 290 mmHg, diastolic 30 – 195 mmHg ± 3 mmHg
- Pulse rate: 30 – 240 beats/min.
- Measurement intervals: 1, 2, 4, 5, 6, 12 or 30 measurements/hour

Spirosound

General

- Dimensions: 118 x 118 x 67 mm
- Cable length: 170 cm
- Weight: 145 g
- Power supply: USB
- Data transfer: USB-A

Technical specifications

- Measuring method: ultrasonic transit time measurement
- Sampling rate: 200 Hz
- Flow resistance: < 0.03 kPa l⁻¹ s
- Disposable spirettes

Medset Medizintechnik GmbH

Curslacke Neuer Deich 66

21029 Hamburg · Germany

Tel. +49 (0) 40/725 822-0 · Fax -11

www.medset.com · info@medset.com