

**technical specification/features**



**technical parameters**

3 leads: I, II, III  
ADC resolution: 24 bit  
sampling rate: 250 samples/sec

integrated filters and signal processing  
Frequency bandwidth: 0.1(0.05)Hz - 75Hz  
input voltage range: < 40mV

ECG storage capacity: up to 60 days

interfaces for fast data analysis and signal control (USB / Bluetooth)

**CE approval**  
class IIa product

**technical specification/contact**

**battery / accumulator**

liveECG B200: battery for 8 days recording  
liveECG Accu: rechargeable battery for 3 days

**reusable parts**

liveECG recorder module, liveECG Reader (USB)  
optional: liveECG Viewer (tablet PC), liveECG Accu,  
liveECG Charger

**disposable parts**

livePATCH, liveECG B200

**mechanical dimensions:**

small size: 55 x 50 x 11 mm  
weight: < 35 grams



**all products are made in Germany**

**engineered & manufactured by:**

livetec Ingenieurbüro GmbH  
Marie-Curie-Straße 8  
79539 Lörrach  
Germany  
[www.liveECG.com](http://www.liveECG.com)  
[www.livetec.de](http://www.livetec.de)

**liveECG<sup>®</sup>**

**long-term**

**cable-free**

**ECG recording system**



# living technology for life

## liveECG® | long-term | cable-free | ECG recording system

*the cable-free holter/liveECG®*



**significant product features / intended use:**  
real 3 channel ECG holter system (leads I,II,III)

one ECG electrode (livePATCH)  
for cable-free ECG- recordings from 24h up to 60 days

small size (55 x 50 x 11mm), low weight (< 35 grams)

all standard ECG applications (e.g.HolterECG)

real long-time (up to 8 days) recording with one battery or  
up to 60 days by change of batteries

low signal artefacts / high common mode rejection ratio  
filter and signal processing integrated

ECG storage capacity: up to 60 days

Bluetooth

*easy to use/livePATCH®*



**system advantages - patient**

completely cable-free design  
high wearing comfort - at home or at hospital  
high quality of sleep  
low weight, small size & no restriction of movement  
take a shower? just pull the amplifier  
discreet: invisible to wear under the clothes

**system advantages - physicians,user,hospital etc.**

easy to use and applicable (only one electrode patch)  
no expensive and sensitive patient cables (no cable break)  
reusable electronic circuit  
very small effort for cleaning and disinfection  
one livePATCH® electrode: 1-3 days wearable (low cost  
like standard electrodes)

**result:** low operating costs

**ECG signal analysis and control**

easy and fast ECG analysis by use of standard ECG Holter  
analysis software PADSYP®  
fast checking the signals - just use the liveECG Viewer

*ECG analysis software*



**livetec smart software tools**

liveECG® viewer: signal viewer for Android/tablet PCs

liveECG® unit: comfortable configuration of  
patient specific recording

**analysis software features\* of medset PADSYP®:**

lowtime effort for a good analysis  
intuitive operation

different PC platforms available (MAC, Windows, Linux)  
network-ready

paperless documentation  
[www.medset.com](http://www.medset.com)

\*please ask your distributor