

EP-LU30001 euro_ecg 3view



NB the product is subject to changes without prior notice.

Description

euro_ecg 3view is a high-resolution digital electrocardiograph. It records 12 synchronous leads and print them on 80mm paper. Several print layouts are available.

euro_ecg 3view's colour LCD display shows the ECG in real-time. Moreover, the stored ECGs can be re-open and displayed on screen.

Memory is available, to store up to 10.000 ECGs. The removable SD card to expand this capacity as well as it permits to move the ECGs to a computer.

euro_ecg 3view has a built-in Automatic ECG Measurement and Interpretation algorithm.

This are the main features of **euro_ecg 3view**:

- ✓ Colour graphic LCD display, tilting
- ✓ Powered by mains or internal battery (included)
- ✓ Automatic ECG Measurement and Interpretation
- ✓ Extended memory included
- ✓ High-resolution signal
- ✓ Detection and processing of Pacemaker's spikes
- ✓ Use of external devices, like as USB keyboard, PCL-6 printer or Bar-code reader
- ✓ Direct connection to the PC network
- ✓ optional PC-ECG software

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Technical data	
Leads set	12 Standard, Cabrera, Frank, Left, Right
Protection from defibrillation	Internal
Acquisition	Synchronous
Interval	±5mVpp
Time constant	≥3.2s
Frequency response	0.05Hz~150Hz (-3dB)
Sensitivity	2.5 mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV
Resolution	12-bit
Input impedance	≥50MΩ
Input current	± 0.05μA
Base-line correction	Automatic ADF filter
Digital filters	EMG: 30/40Hz - DFT:0.05/0.15/0.25/ 0.5Hz - AC: 50/60Hz
CMRR	98dB
Operating mode	Automatic, Manual, Rhythm
Rythm leads	1 or 3, User selectable
Print layout (built-in thermal printer)	<ol style="list-style-type: none"> 1. Automatic: 3×4, 3×4+1R, 3×4+3R. 2. Manual: 1, 2, 3 channels 3. Rhythm: 1-3 channels user selectable 4. Program: <ol style="list-style-type: none"> a. Frequency: 1 - 60 min b. Duration: 1 - 60 min
Print mode (built-in thermal printer)	Pre-sample, Real-Time, Programmed
Print layout (PCL-6 external printer)	12CH×1, 6CH×2, 6CH×2+1R,3CH×4,3CH×4+1R, 3CH×4+3R (all available as Portrait or Landscape)
Digital ECG format	XML, BMP, PDF, XML NET
ECG storage	Standard SDcard (always included in the scope of delivery): up to 10.000 exams
Built-in printer	Thermal, 8 dot/mm
Media	80mm thermal paper, roll
Print speed	5 mm/s, 6.25 mm/s,10 mm/s, 12.5 mm/s, 25 mm/s, 50mm/s
Display	7" @ 800×480 pixel, TFT colour LCD, tilting
I/O	LAN board, USB Master, USB Slave, SD card
Safety	IEC Class I CF-type
Sampling	ECG: 1.000 samp./s/ch Pacemaker: 10.000 camp./s/ch
Pacemaker detection	≥± 2 mV ≥± 0.1 ms
External devices	PCL-6 USB printer, Bar-code reader, keyboard.
External power supply	Mains @ 100~240V, 50/60Hz, 30VA~100VA
Internal power supply	Internal rechargeable Lithium battery Lasting up to 500 exams or 7 hours (no print)
Size	310mm×244mm×65mm
Weight	around 2,25 kg battery included
Environmental operating conditions (storing)	Temperature: +5°C / +40°C (-20°C / +50°C) Relative humidity: 25% / 80% (25% / 85% (transport: 95% not condensing)) Pressure: 700 hPa / 1060 hPa