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EP-LU30002 euro_ecg 6view

NB the product is subject to changes without prior notice.

Description

euro_ecg 6view is a high-resolution digital electrocardiograph. It records 12 synchronous leads and print them on 110mm paper. Several print layouts are available.

euro_ecg 6view's colour LCD display shows the ECG in real-time. Moreover, the stored ECGs can be re-open and displayed on screen.

The internal memory is available, to store up 10.000 ECGs.

euro_ecg 6view has a built-in Automatic ECG Measurement and Interpretation algorithm.

This are the main features of euro_ecg 6view:

- ✓ Colour graphic LCD display, tilting

- ✓ Powered by mains or internal battery (included)

- ✓ Automatic ECG Measurement and Interpretation

- ✓ Internal memory, SD card 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

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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	One or three, user selectable

Print layout (built-in thermal printer)	1. Automatic: 6x2, 6x2+1R, 3×4, 3×4+1R, 3x4+3R.
	2. Manual: 1, 2, 3, 6 channels
	3. Rhythm: 1, 3 channels user selectable
	4. Program:
	   a. Frequency: 1 - 60 min
	   b. Duration: 1 - 60 min

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	up to 10.000 exams
Built-in printer	Thermal, 8 dot/mm
Media	110mm 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/0	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
Peripherals	USB printer PCL-6, 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	Temperature: +5°C / +40°C Relative humidity: 25% / 80% Pressure: 700 hPa / 1060 hPa
Environmental storing conditions	Temperature: -20°C / +50°C Relative humidity: 25% / 85% (transport: 95% not condensing) Pressure: 500 hPa / 1060 hPa