

# LUMED® EUROECG

## FAST AND RELIABLE ELECTROCARDIOGRAPHY

PRODUCT DESCRIPTION rev. 02

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# LUMED® EUROECG

LUMED® EUROECG is a new family of high-end Electrocardiographs, designed to provide the essential tools for quick and safe routine recordings.

Many advanced features come along with LUMED® EUROECG, thought to improve the user experience

# LUMED® EUROECG

The product line includes both devices and software:

EUROECG 12view: 12-channel / 215mm device

EUROECG 6view: 6-channel / 110mm device

EUROECG 3view: 3-channel / 80mm device

EUROECG SW12: real-time & off-line software

# LUMED® EUROECG

LUMED® EUROECG applies a new concept to electrocardiography. In fact, the three models share the same features and only a few differences are present: paper size, LCD size, keyboard.

There is no discrimination here, between “cheap” or “rich” Customers.

# LUMED® EUROECG

LUMED® EUROECG have no options: everything is always included.

Just one extra feature : EUROECG SW12 Windows software.

# LUMED® EUROECG

DICOM® export is available, according to standard SOP Classes:

- ✓ 12-lead ECG Waveform Storage
- ✓ General ECG Waveform Storage
- ✓ Encapsulated PDF Storage

DICOM Worklist Modality is on the way !

# LUMED® EUROECG



EUROECG 3view



EUROECG 6view



EUROECG 12view

# LUMED® EUROECG

## COMMON FEATURES

- ✓ Graphic LCD TFT color display, tilting and foldable
- ✓ Carrying handle
- ✓ Alpha-numeric keyboard
- ✓ Function keys F1-F7
- ✓ Dedicated keys for quick operations



# LUMED® EUROECG

## COMMON FEATURES

- ✓ Automatic & Manual mode
- ✓ Rhythm mode: automatic recording & printout of 60" ECG on 1 or 3 custom leads with RR summary
- ✓ Periodic programmable printout
- ✓ Event-triggered printout

# LUMED® EUROECG

## COMMON FEATURES

- ✓ Pre-sample or Real-time acquisition
- ✓ Internal thermal printer or external USB printer
- ✓ Paperless operations
- ✓ ECG review on-screen
- ✓ Internal ECG, up to 10.000 ecg

# LUMED® EUROECG

## COMMON FEATURES

- ✓ Algorithm for ECG interpretation
- ✓ Algorithm for ECG classification / Screening Mode
- ✓ Algorithm for ECG measurements
- ✓ User can confirm the automatic statements
- ✓ On-screen preview of AVG complexes

# LUMED® EUROECG

## COMMON FEATURES

- ✓ USB port for PC connection (real-time & off-line)
- ✓ USB port for keyboard, printer, barcode scanner
- ✓ Ethernet port
- ✓ SD slot
- ✓ Internal protection against defibrillation discharge

# LUMED® EUROECG

## COMMON FEATURES

- ✓ Storage on SDcard from the market
- ✓ Digital archive for ECG as XML, PDF, BMP, JPG, DICOM file
- ✓ On-screen ECG review
- ✓ Costless ECG transmission to PC or LAN, via SD card or FTP

# LUMED® EUROECG

## COMMON FEATURES

### ✓ ECG display format:

- ✓ Automatic: 3x4, 3x4+R, 3x4+3R, 6x2, 6x2+R, 12
- ✓ Manual: 1, 2, 3, 6, 12
- ✓ Rhythm: 1, 3 leads user-decided

# LUMED® EUROECG

## COMMON FEATURES

- ✓ ECG lead set:
  - ✓ Standard or Cabrera
  - ✓ Standard, upper or lower intercostal space
  - ✓ Frank
  - ✓ Right chest or Posterior chest
  - ✓ Custom leads set

# LUMED® EUROECG

## COMMON FEATURES

- ✓ ECG speed: 5, 6.25, 10, 12.5, 25, 50 mm/s
- ✓ ECG gain: 2.5, 5, 10, 20 mm/mV
- ✓ On-screen info: patient data, date/time, current HR, filters, speed/gain, service messages, function keys ...



# LUMED® EUROECG

## COMMON FEATURES

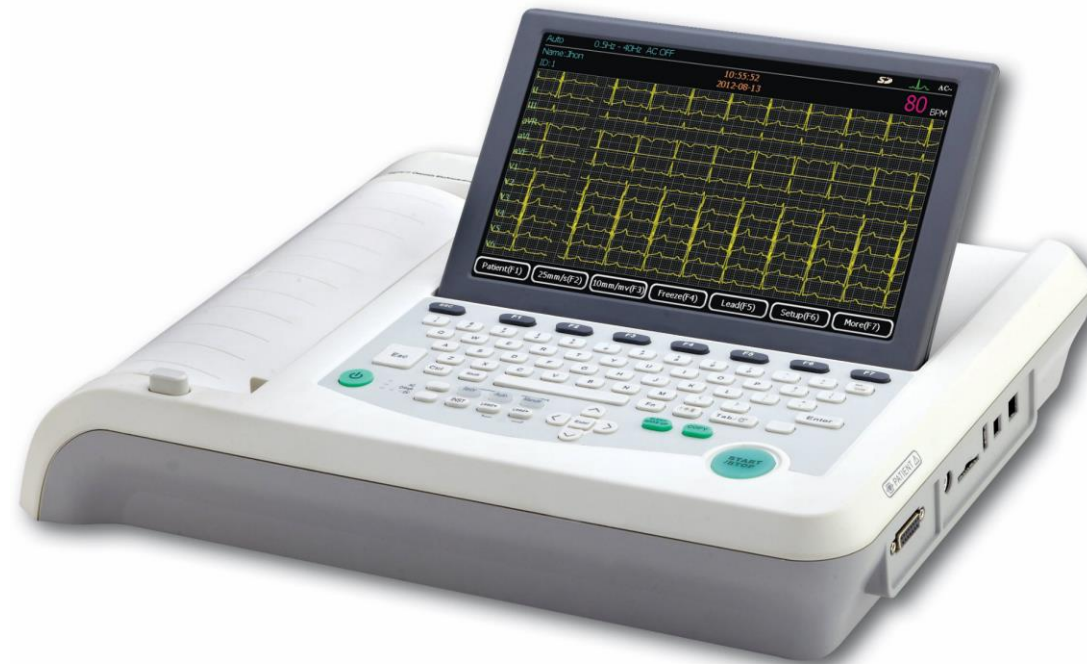
- ✓ Filters, mains: 50, 60 Hz
- ✓ Filters, EMG: 25, 30, 40 Hz
- ✓ Filters, base-line: 0.05, 0.16, 0.25, 0.5 Hz
- ✓ Filters, interferences: 75, 100, 150, 250 Hz

# LUMED® EUROECG

## COMMON FEATURES

- ✓ Protection from defibrillation: internal & original patient cable
- ✓ Resolution: 12 bit
- ✓ Sampling frequency, ECG: 1.000 samp./sec/ch
- ✓ Sampling frequency, pacemaker: 10.000 Hz
- ✓ Power supply: 110-240V, 50/60Hz, 30-110VA

# LUMED® EUROECG VIEW



# LUMED® EUROECG

## SPECIFIC FEATURES OF 12VIEW

- ✓ Extended alpha-numeric keyboard with fast function keys
- ✓ 210mm roll or 215x295 Z-fold thermal paper
- ✓ 10" LCD display, 800x480 pixel, 225x135mm tilting and foldable
- ✓ Retractable carrying handle

# LUMED® EUROECG

## SPECIFIC FEATURES OF 12VIEW

- ✓ Printout:
  - ✓ Automatic: 3x4, 3x4+R, 3x4+3R, 6x2, 6x2+R, 12
  - ✓ Manual: 1, 2, 3, 6, 12
  - ✓ Rhythm: 1, 3 leads user-decided

# LUMED® EUROECG

## SPECIFIC FEATURES OF 12VIEW

- ✓ Size: 435 x 335 x 98mm
- ✓ Weight: 4.00kg
- ✓ Battery: internal Lithium, autonomy 360 ECGs min or 5 hours (no printing)

# LUMED® EUROECG 6VIEW



# LUMED® EUROECG

## SPECIFIC FEATURES OF 6VIEW

- ✓ Alpha-numeric keyboard with fast function keys
- ✓ 110mm roll thermal paper
- ✓ 7" LCD display, 800x480 pixel, 152x85mm tilting and foldable
- ✓ Fixed carrying handle



# LUMED® EUROECG

## SPECIFIC FEATURES OF 6VIEW

### ✓ Printout:

- ✓ Automatic: 3x4, 3x4+R, 3x4+3R, 6x2, 6x2+R
- ✓ Manual: 1, 2, 3, 6
- ✓ Rhythm: 1, 3 leads user-decided

# LUMED® EUROECG

## SPECIFIC FEATURES OF 6VIEW

- ✓ Size: 310mm × 244mm × 65mm
- ✓ Weight: 2.25kg
- ✓ Battery: internal Lithium, 500 ECGs min. or 7 hours without printing

# LUMED® EUROECG 3VIEW



# LUMED® EUROECG

## SPECIFIC FEATURES OF 3VIEW

- ✓ Alpha-numeric keyboard with fast function keys
- ✓ 80mm roll thermal paper
- ✓ 7" LCD display, 800x480 pixel, 152x85mm tilting and foldable
- ✓ Fixed carrying handle

# LUMED® EUROECG

## SPECIFIC FEATURES OF 6VIEW

- ✓ Printout:
  - ✓ Automatic: 3x4, 3x4+R, 3x4+3R
  - ✓ Manual: 1, 2, 3
  - ✓ Rhythm: 1, 3 leads user-decided

# LUMED® EUROECG

## SPECIFIC FEATURES OF 6VIEW

- ✓ Size: 310mm × 244mm × 65mm
- ✓ Weight: 2.25kg
- ✓ Battery: internal Lithium, 500 ECGs min. or 7 hours without printing