

**MEDIAID**

# ECG Smart

Single (1–3) Channel Electrocardiograph with Display



## Key Features

- LCD DISPLAY 1 Channel in Standard or Cabrera format
- HIGH RESOLUTION THERMAL PRINTER (8 dots/mm):  
Hardcopy 1 or 3 Channels real time with possibility to print the Millimetric Grid
- EASY PAPER LOADING
- RECORDING Manual or Automatic
- 12 Channels simultaneous acquisition
- MEMORY 10 Seconds for each lead
- DIGITAL FILTERS for elimination of muscle tremors, Power Line and Base Line disturbances
- POWER SUPPLY Mains and by Internal Ni-Cad Batteries with high capacity and fast charge time
- OPERATION very simple through predefined Fast Keys
- REAL PORTABILITY with small dimensions and very light weight



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## TECHNICAL CHARACTERISTICS

<b>Power Supply</b>	internal rechargeable Ni-Cad batteries
<b>Line Power Supply</b>	220V~ ± 10%; 50 - 60 Hz; 150mA max; isolation CL 2 B
<b>Battery Autonomy</b>	3 hours
<b>Applied Part</b>	CF type
<b>Input Impedance</b>	> 100 MΩ
<b>Frequency Response</b>	0.05 : 145 Hz
<b>CMRR</b>	>100 dB
<b>Time Constant</b>	> 3.2 s
<b>Acquisition</b>	12 bit 800 samples/ sec/ channel
<b>Leads</b>	12 Standard or Carbrera
<b>Sensitivity</b>	5mm/mV; 10mm/mV; 20mm/mV ± 5%
<b>Scrolling Speed</b>	5mm/s; 10mm/s; 25mm/s; 50mm/s
<b>Signal Memory</b>	10 s for each lead
<b>Printer</b>	thermal printer 8 dots/ mm, paper 58-60 mm
<b>Display</b>	LCD 128 x 64 dots
<b>Filters</b>	muscle tremors 35Hz digital; power line interferences 50-60 Hz digital; high pass 0.5 Hz digital
<b>Defibrillation Protection</b>	internal
<b>Display</b>	1 channel
<b>Hardcopy</b>	1 - 3 channels
<b>Dimensions</b>	190 x 120 x 60 mm
<b>Weight</b>	1.000 g
<b>Case</b>	IP 20
<b>Operation Temperature</b>	+ 10°C - 40°C
<b>Storage Temperature</b>	- 10°C - 40°C
<b>Relative Operation Humidity</b>	25% - 95% without condensation

## Standard Accessories

- Patient Cable
- Electrodes Set
- Gel, Paper Roll
- Power Cable
- User's Manual
- Carrying Case (optional)

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