

P80



Large Paper in a Small Unit

ESAOTE
THE IMAGE OF INNOVATION™



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P80



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Digital, Multichannel ECG

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P80 digital multichannel electrocardiograph records 12 simultaneously acquired ECG traces in a 10s memory and provides extraordinarily crisp 3ch print-outs on 90mm large paper. Users can utilize both z-folded paper - ensuring sharp paging and easy filing - and roll paper - reducing costs.

Compact and portable, P80 offers any customer the information to produce a complete and accurate ECG report providing economy and value for money.

The high-resolution ECG signal acquisition and printing process

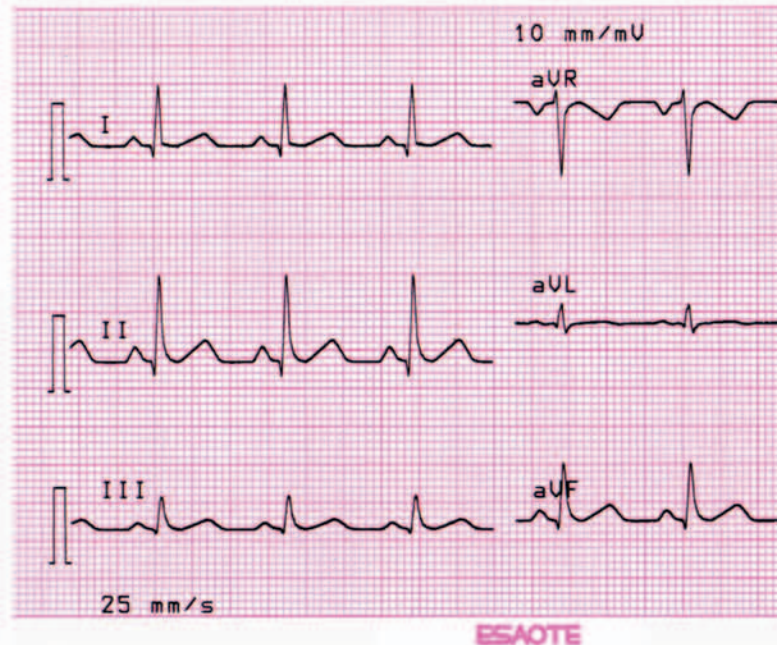


esign



economy

fully answer (8 dots/mm) the most exacting demands in terms of performance.



P80 is equipped with high quality accessories built-in mains supply and rechargeable batteries which allow immediate ease-of-use in any operating conditions. The raised rubber keyboard buttons allow easier and faster control of all functions with a simple and easy-to-detect



one-
key

ortable

operation.

P80 can be equipped with the Measure program (optional) for the detection and

measurement of main waves offset and onset, amplitudes, duration of P, QRS, T for all 12 ECG leads; moreover it can be completed with the Interpretative program (optional) that adds the diagnostic statements to the exam print-out. All software programs, as well as print-outs and messages, can be configured directly by the user in 10 different languages. P80 lead-acid rechargeable battery technology features a double battery life and eliminates the "memory effect" problems.

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P80 has obtained CE global assessment in accordance with 93/42 EEC Directive ensuring full compliance with all the patient and operator safety rules, biocompatibility of materials and EMI compliance (electromagnetic interference).

Technical Characteristics

- Dimensions and weight: 296x220x73 mm (LxWxH), 2.9 Kg
- Power Supply: 110-115 V (nominal) or 220-240 V (nominal), 50-60 Hz
- 12 simultaneously acquired leads
- 12V Built-in rechargeable battery

ECG amplifier

- Sampling: 1000Hz
- Digital Resolution: 5 μ V LSB
- Sensitivity: 5/10/20 mm/mV, automatically or manually selectable
- Frequency Response: 0.05 to 150 Hz (IEC/AHA)
- Pacemaker detection: $\geq \pm 2$ mV / ≥ 0.1 ms
- Filters:
 - Base Line: 0.05, 0.15, 0.30 Hz
 - FIR: 25 or 35Hz
 - AC noise filters: 50 or 60 Hz

Printer

- Built-in thermal printer
- 3ch, high resolution 1000 dpi
- Paper Speed: 5/25/50 mm/s (manual print)

Options

- Measurement program
- Adult interpretive program



EN 46001 ISO 9001
ISO 13485

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AREA DISTRIBUTOR

Medical Device CE marked under the provisions of the 93/42 EEC Directive

www.esaote.com

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