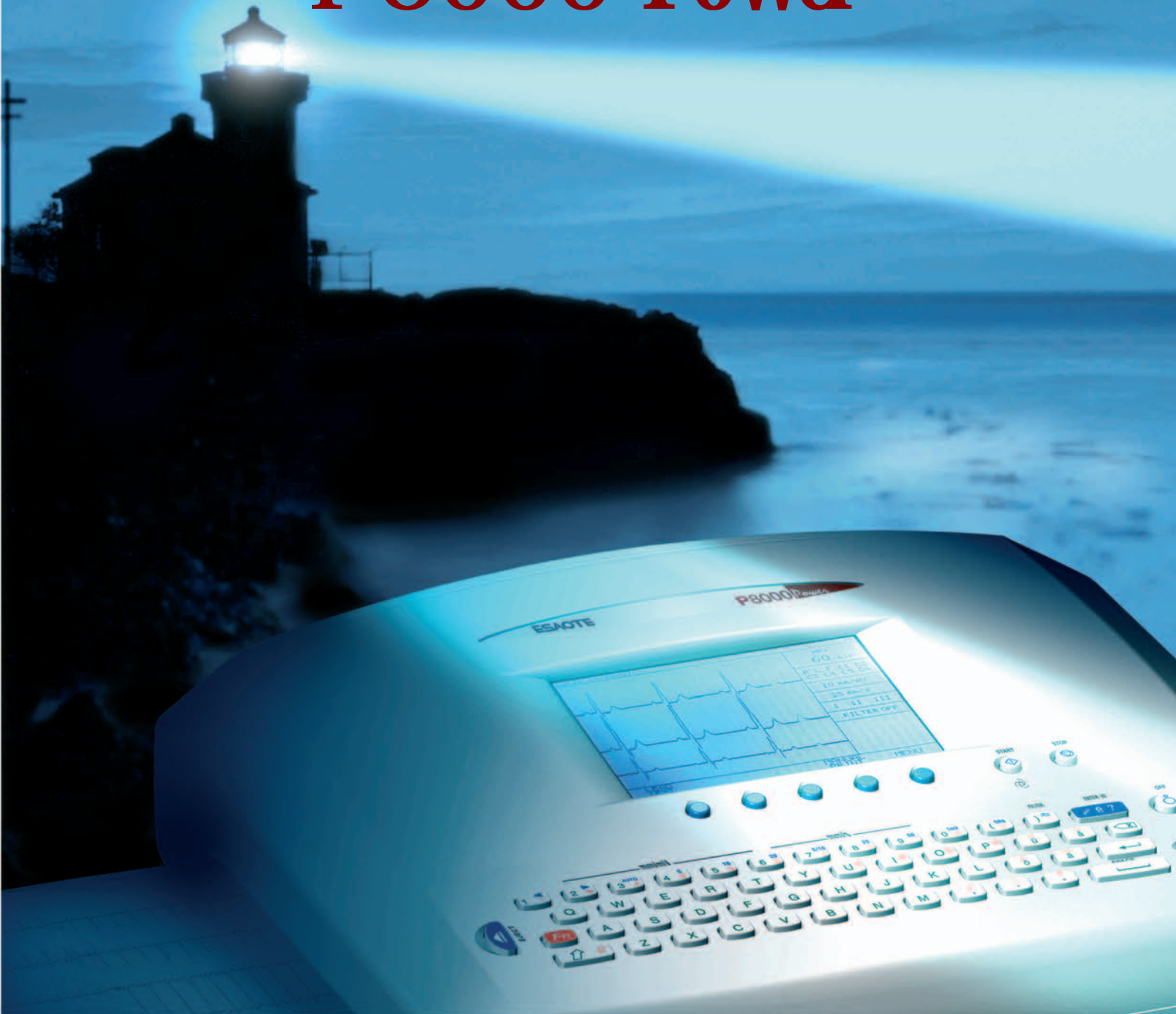


P8000 Power



Your Workmate

ESAOTE
THE IMAGE OF INNOVATION™

...How easy it is
to get on
when you can rely
on a workmate!...



P8000 Power

EASY, FLEXIBLE
MULTIPURPOSE
ADVANCED

P8000 Power can really become an important asset in your job. P8000 Power is your ideal workmate.

P8000 Power is the 12ch electrocardiograph with LCD and direct keys able to faithfully assist you in your job, from the simplest to the hardest one.

The five soft keys combined with the user-friendly interface allow quick navigation through the P8000 Power functions and settings, making the unit easy and efficient for daily use.

Replacing the paper has never been so easy:
just a fingertip touch to the dedicated eject button
lets the paper drawer open and close
automatically.





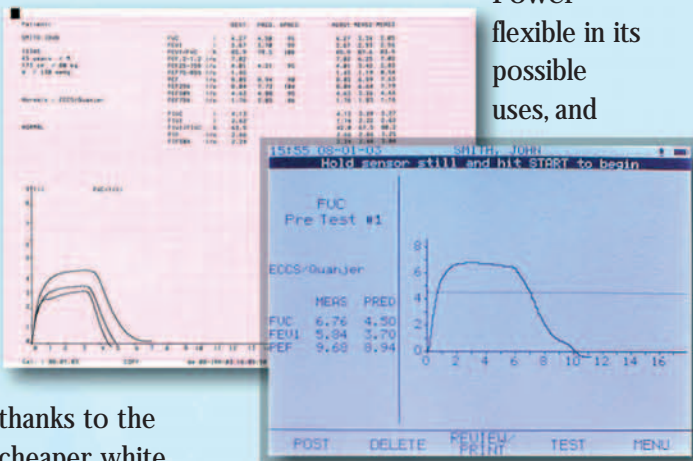
Ease of use

Direct printout on Rest Spirometry white plain paper



The P8000 Power can print out the examination results either on traditional thermal paper through the internal high-resolution printer, or on inexpensive (A4/letter) white paper using an external laser or inkjet standard computer printer. This double printer facility makes the P8000

Power flexible in its possible uses, and



thanks to the cheaper white the overall examination costs can be dramatically reduced.

Spirometry Reports

The P8000 Power offers a comprehensive set of applications in order to perform a complete patient screening and analysis. The resting ECG is completed with the measurement program for all 12 leads and offers a wide range of print-outs. Moreover it can be combined with the optional adult and paediatric interpretive program.

The stress program allows the P8000 Power to perform stress ECG, with external peripheral control, with either bike or treadmill; thanks to the special filters the 12 simultaneously acquired ECG traces are clear and stable during the test. A better traces preview can be achieved through an external SVGA PC monitor. the optional pneumotacho sensor SP-250 or SP-260 P8000 Power can

perform a complete rest spirometry exam, in three different testing modes, including Pre and Post medications. The pulmonary test results are displayed on the LCD screen and can then be printed out, including the diagnosis statements based on the international standards. Combining the dedicated trolley and the internal "memory-free" rechargeable battery, the P8000 Power can be used in all hospital wards and in emergency situations. All the software programs, printout formats and messages can be easily configured by the user in 9 different languages.



Stress Test ECG



P8000 Power offers advanced features being able to transfer acquired ECG exams to ArchiMed Data Management (in a Windows® environment) for advanced archiving and reporting. Moreover, the internal memory allows paper-less exam acquisition, avoiding paper wastage. Integration with the most advanced communication devices, together with the possibility of connection to an external PC monitor, let you achieve information in the most efficient and easiest way.



ECG traces transferred on ArchiMed SW

Technical Characteristics

General

- Dimensions and weight: 380x340x102 mm (LxWxH), 5 Kg (with full paper tray)
- Power Supply: 220-240 V (nominal), or 110-115 V (nominal), 50-60 Hz
- Power consumption: Max. 30VA
- Built-in graphical LCD: 120x90 mm effective display area, 320x240 dots resolution
- 12 simultaneously acquired leads
- Battery: lead acid 12V, for 4h. normal use (approx. 300 ECG automatic printouts or Spirometry records)

ECG amplifier

- Sampling: 1000Hz
- Digital Resolution: 5 μ V/12 bit
- Sensitivity: 5/10/20 mm/mV, automatically or manually selectable
- CMRR: >100dB
- Input Impedance: >100M Ω
- Frequency Response: 0.05÷150Hz (IEC/AHA)
- Pacemaker detection: $\geq \pm 2$ mV / ≥ 0.1 ms
- Measurement Range: dynamic ± 10 mV, DC ± 300 V
- Defibrillation protection: 5000 VDC
- Filters:
 - Base Line: 0.05, 0.15, 0.30 Hz
 - FIR: 25 or 35Hz
 - Algorithm for base line stabilization and myogram noise reduction
 - AC noise filters: 50 or 60 Hz

Storage support

- Internal memory: about 45 rest ECG examinations

Connections

- 1 RS232 serial port
- 1 parallel connector
- SVGA color monitor output

Built-in thermal printer

- 12ch high resolution, 8 dots/mm (amplitude axis) 40 dots/mm (time axis) @ 25 mm/s
- Paper Speed: 5/10/25/50 mm/s
- Automatic paper drawer

External printer (*)

- 12ch high resolution
- Laser and inkjet technology
- Standard parallel connecting cable

Options

- Adult and paediatric Interpretive programs
- Communication board
- Thrombolysis indication SW (only with Interpretive option)
- Stress ECG with external peripherals control
- Spirometry:
 - Measuring method: FVC, SVC and MVV
 - Sensor:
 - Pneumotachometer SP-250 with disposable mouthpiece
 - Pneumotachometer SP-260 with reusable mouthpiece
 - Measuring sensor parameters: flow 0 to ± 14 L/s - volume 0 to ± 11 litres
- Data Management Software for PC connection

(*) Valid only with Esaote supplied printer



EN 46001 ISO 9001
ISO 13485

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