



CARDIOVIT AT-104 PC

Technical Data CARDIOVIT AT-104 PC:

System:

Dimensions: 230 x 150 x 50 mm (l/w/h)

Weight: approx. 1.9 kg

Control elements:

Direct function keys for Start/Stop/MAN/AUTO ECG recording

Power supply: 115/230 V (nominal), 50/60 Hz

Power consumption: max. 40 VA

Battery: mains-independent operation with integrated rechargeable battery for approx. 30 minutes of ECG printout

Printouts on the integrated thermal printer:

Printing technology: integrated high-resolution thermal head printer, 8 dots/mm (amplitude axis), 40 dots/mm (time axis), @ 25 mm/s

Frequency range: 0 Hz - 150 Hz (IEC/AHA)

Chart speed: 10 / 25 / 50 mm/s (manual printout)

Sensitivity: 5 / 10 / 20 mm/mV, automatically set or manually selected

Channels: 3

Paper type: thermo-reactive, Z-folded, 90 mm wide, approx. 23 m long

Writing width: 3-channel printout, optimal positioning on a width of 60 mm, automatic baseline adjustment

Technical Data for ECG:

ECG amplifier:

- Simultaneous, synchronous recording of all 8 active electrode signals (= 12 leads)
- Sampling frequency: 1000 Hz
- Pacemaker detection: ± 2 mV / duration > 0.1 ms

Standard:

- SCHILLER resting ECG software incl. measurement software
- Rhythm recording of resting ECGs
- QT dispersion
- Serial comparison
- Worklist

PC minimum requirements:

The PC, laptop or notebook has to fulfil the following minimum requirements:

- Processor: Pentium III 1.0 GHz or higher
- RAM: 256/512 MB
- Hard disk: at least 40 GB
- Interfaces: 2 (free) serial RS-232 / USB
- Graphics board: SVGA 1 MB with 1024 x 768 resolution or higher
- Other: mouse, keyboard, CD-ROM
- Operating system: Windows™ XP Professional

Hardware options:

- Suction electrode system
 - Treadmill, bicycle, couch ergometer
- The hardware can be upgraded anytime.

Software options:

- ECG interpretation: Software C™ ECG analysis software for adults and children
 - Exercise ECG software EXEC
 - Exercise ECG software EXEC plus
 - PC spirometry
 - PDF export
 - Barcode scanner
- The software can be upgraded anytime.

Barbone PC:

Shuttle Barbone SS58G2 with Shuttle Mainboard FS58 (dimensions: 30 x 20 x 18 cm, l/w/h)

Norms:

Environmental conditions:

Temperature: operation: 10° to 40 °C; transport/storage: -10° to 50 °C

Humidity: operation: 20 % to 95 % relative humidity, non-condensing

Pressure: operation: 700 to 1060 hPa

Patient input circuit: fully floating and isolated, defibrillation-proof (only with original SCHILLER patient cable)

Certification: Safety standards: IEC/EN 60601-1; IEC/EN 60601-2-25; IEC 60601-1-2 (EMC)

Protection class: I according to IEC/EN 60601-1 (with internal battery)

Applied part: CF according to IEC/EN 60601-1

Conformity: CE according to Directive 93/42/EEC (medical devices)

Classification: IIa according to Directive 93/92/EEC

Warranty:

Standard warranty period is one year

Accessories:

All our accessories are available at www.schiller.ch

Technical data are subject to change without notice.



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