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vet600

vet600 embodies the features of reliability, modularity, versatility and upgradability that characterize the latest generation of **CARDIOLINE®** electrocardiographs.

vet600 is a portable electrocardiograph with dual power supply, (mains and rechargeable internal batteries), which in the basic configuration allows:

recording of an ECG in either automatic or manual mode;

printing the ECG on 60 mm single channel format paper using a high-resolution thermal print;

storing the most recent ECG recording in automatic mode and printing additional copies of the ECG as required.

Thanks to the flexibility of the software used and to the infrared interface, the **vet**600 can be adapted at any given moment to suit your individual requirements. The range of "options" offered is particularly generous and there are no restrictions or constraints, as the selection can be made either at the moment of purchase or later on at your clinic or surgery without having to interrupt day-to-day activity.

In just a few minutes your **vet**600 can be equipped with:

PC ECG option: real time display of the ECG leads on a personal computer screen to allow management of patient medical records and archiving of ECG's in digital format thanks to the **cube**ecg software.

Intended use

vet600 is a digital ECG recorder, able to acquire and digitalize the 7 leads simultaneously and to print on thermal printer.

The device should only be used by qualified and suitably trained personnel, and must comply with the instructions contained in the User Manual.

CE 0476

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Technical specifications

Power supply	AC mains with external power supply 230V±10% 50/60 Hz.; available also: 115V±10% 50/60 Hz;
Maximum current	100 mA at 117 V ~ ±10% 50 mA at 230 V ~ ±10%
Mains protection	Fuse: T 0.5 A
Internal power source	Set of rechargeable NiMH batteries 8x1.2 Vdc; 1500 mAh
Battery protection	PolySwitch 1.5 A - 40 °C in ambient conditions
Internal power supply protection	Pico fuse SHF SLO-BLO T 2 A Littelfuse
Applied part	CF type
Defibrillation protection	Internal
Input dynamics	± 300 mV @ 0 Hz.± 5 mV in pass band
Input impedance	> 100 MΩ on each electrode
Common mode rejection	> 100 dB
Frequency response	0.05 ÷ 150 Hz (-3dB)
Time constant	3.3 s
Acquisition	11 bit 1000 samples/s/channel printing and filters 500 samples/s/channel in calculation and filters Resolution 5 µV/bit
ECG leads	7 standard/cabrera leads
ECG memory	10 seconds for each lead in auto isochronous
Recording sensitivity	manual: 2.5 - 5 – 10 – 20 mm/mV ± 5% automatic: dependent on number of channels being printed
Writing system	Thermal printer, 8 dot/mm Usable print height 50 mm
Print format	1 (2, 3 optional)
Paper transport speed	25 - 50 mm/s
Heat-sensitive paper	rolls: length 15 m, gridded. pack of Z-Fold: length 18 m, page 60x75 mm, gridded.
Filters	Mains interference: Modified digital notch filter 50 - 60 Hz Anti-drift: digital high-pass 0.5 Hz, linear phase
Serial interface	Infrared
Keyboard	Membrane keyboard
Type of use	continuous
Operating modes	manual: acquisition and printing in real time automatic: simultaneous acquisition PC ECG: real time acquisition with display at PC (optional)
Battery Capacity	Internal battery: 3 hours in 1 channel mode
Recharging time	Internal battery: 14 hours 100%
Housing protection category	IP 20
Ambient conditions:	

vet600

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Product description: **sp_vet600_cardiolinespa_02_eng2.doc**

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- operation	Ambient temperature: from +10°C to +40°C Relative humidity: from 25% to 95% (without condensation) Atmospheric pressure: from 700hPa to 1060 hPa
- transport and storage	Ambient temperature: from −10°C to +40°C Relative humidity: from 10% to 95% (without condensation) Atmospheric pressure: from 500 to 1060 hPa
Dimensions	320 x 72 x 240 mm (length x height x depth)
Weight	1850 grams with batteries, without paper
Classification 93/42 CE	class IIa, CE0476

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Basic accessories supplied

Ref.	Description	Q.ty
63050070	Patient cable with 5 lead wire and electrodes	1
	Roll paper 60mm x 75	1
	User manual	1

Options

Ref.	Description
9RT0600T	Real Time PCE CG enabling (w/o IR adap.)

Accessories

Ref.	Description
63050070	ECG Vet cable 5 lead, alligator elec.
63090136	Patient cable arm for trolley
63090210	Infrared adapter for PC
63090335	Universal Trolley - SE
65090056	Carrying case model "CARDIOLINE 60"
66010037C	ECG paper roll, 60x75mm x200 sh. 10 pcs
66010040C	ECG paper Z-fold, 60x75mm x250 sh.10pcs
66020002	ECG electrode gel, 260 ml
66020006	10 Alligator clip adapter x4mm plug
66020028	ECG ruler
83080002	ECG battery charger - EU plug 220v
83080003	ECG batt.char.US standard plug 115v
83080004	ECG batt.charg.UK standard plug 220v

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