Vesta 305i



Three Channel ECG

Portable, compact with carry handle



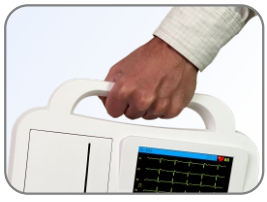
Improved ECG diagnosis with superior quality waveform

Vesta 305i is the new improved generation 3 channel ECG, which incorporates innovative design in compact and light weight device, ideal for camps and bedside ECG diagnosis

- 12 leads simultaneous acquisition
- 5.6" colour graphical TFT display with view angle
- Printing options i.e: rhythm lead, medians, enlarge median, graphical axis, measurements and interpretation
- Qwerty soft touch keypad to enter patient and clinic information
- Axis graph and measurement in display
- PDF format data storage and transfer to USB pen drive
- Onboard LED indicator for battery status
- Digital filters to eliminate baseline drift, AC and EMG interference
- 16 types arrhythmia detection in interpretation
- 3 printing modes (light mode 4x3, conventional mode 3x1, 3x1 without median)
- Isolation protection against defibrillation
- On screen real-time clock with date
- Internal ECG data storage upto 500 patients
- Mains and battery operated



Trolley can make movability easier wherever it is needed (optional)



PDF data to USB drive

Large Memory Storage

Qwerty keypad

6 display format

Direct access keys

A4 printer*
selective hp models only

PC interface*

Easy-to-use with advanced technologies, multiple ways for data management as well as accurate measurement and interpretation

Portable and user-friendly design



Mobile and easy to carry with ergonomic handle

The user-friendly interface provides several paper-saving features like print formats and interpretation display

Paper out indication

Built-in high resolution thermal printer

Large high resolution colour TFT with elevation for easy observation

LED Indicators of Low and Full Battery, Charging and AC / DC operation

PDF data transfer in USB drive

Multiple shortcut keys designed for one key operation

Built-in recharge Li-ion battery for safe and energy-efficient operation

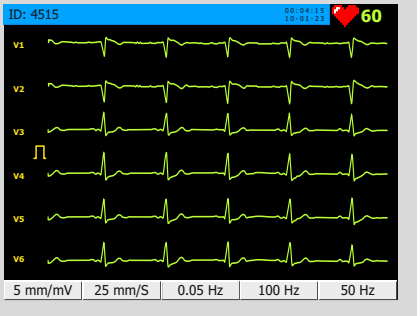
Internal record storage up to 500 ECG patient data

Real-time analysis and visualization of ECG in different formats

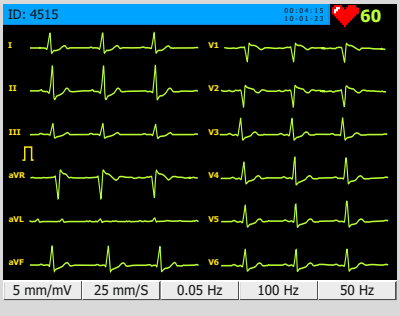
Full qwerty soft touch keypad, for quick information input

* Direct print on A4 USB printer in different print layouts

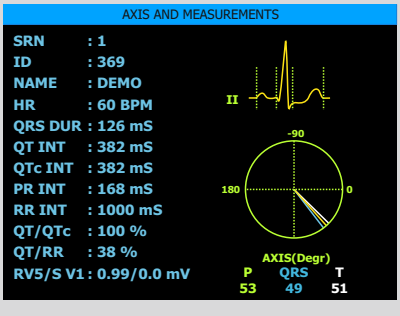
Various display format



6x1 format



6x2 format



Axis graph and Measurement

* optional

Vesta 305i - Technical Specifications

ECG

A/D Resolution	12 Bit
Lead selection	Standard 12 leads
Filters	Low pass filter: 20, 35, 100, 150 Hz High pass filter: 0.05, 0.10, 0.20 and 0.50 Hz Notch filter 50/60 Hz
Acquisition	Auto / Manual
Memory	500 Patients
Input impedance	>100 M ohm
Frequency Response	0.05 - 150 Hz
CMRR	100 dB
Time Constant	3.2 sec
Sensitivity	2.5, 5, 10, 20 mm/mV
Leakage Current	<10 micro Ampere

Display

Display Format	3 x 1, 3 x 2, 6 x 1, 6 x 2, 4 x 3, 3 +R
Graphics Display	640 x 480 pixels TFT screen (colour)
Display Size	5.6"
Touch Screen	Optional

Recording and Printing

Recorder	Thermal Printer
Paper Speed	6.25, 12.5, 25, 50 mm/sec
Recording paper	Thermo sensitive 80mm (Rolled)
Printing Labels	Patient Information Template, Leads, Calibration, Print Speed, Filter, Sensitivity
Print-out Format	a) Auto mode - 3, 3+R with medians, 3+R with medians+Axis+measurements and interpretation b) Manual mode - 3 channel three different lead selected from keypad c) Light mode - 4 x 3 lead printing

Power Supply

Input Power supply	~ 220 - 240V, 50Hz ± 10%
Power Supply Operation	AC/DC with on / off line battery charging
Battery	⎓ 11.1V / 2600 mAh, Li-ion rechargeable
Charging Time	6 Hours

Physical

Dimensions	298 mm x 280 mm x 78 mm
Weight	1.8 Kg approx.

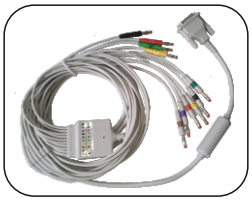
General

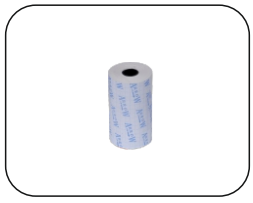
Type of Protection	Class II A
Degree of Protection	Type BF
Communication Interface	USB

Hardware and Accessories

Component	Quantity
ECG Patient Cable	01
Adaptor 19V, 3A, AC-DC	01
Power Cord	01
Fuse (1.5 A)	01
Bulb Electrode	06
Limb Electrode	04
Conducting Tube Jelly	01
Thermal Printer Roll	01
User Manual	01
USB A to B cable (optional)	01
Earthing Wire (optional)	01
PC Software (optional)	01







Since R&D is a continuous process, to make changes in product features, specifications, aesthetics and/or to discontinue the same at any time without notice or obligation

Certified ISO 9001:2015, EN ISO 13485:2016 company CE

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