



**MAX**  
MEDITECH



## VIZYON E100

### Electrocardiograph

CE 0123

### A Truly Portable ECG Machine with Display

- 3.5" Colour TFT Display with Touch Screen
- All Functions accessible through Keypad
- Equipped with "TISA"-True Interpretation Sensitivity Algorithm
- Detailed Interpretation Package
- Personalized tracings with user name
- 4 Channel Printout Format
- Quantitative Analysis of trace
- Simultaneous 12 Lead Acquisition
- Compact and Portable
- PC Connectivity - Optional
- Easy Operation (Get report with Single Key Press)
- Data Storage memory upto 200 patient
- Excellent Printing Quality with High Resolution
- Provision for Multiple Prints

**SPECIFICATIONS**

General	
Size	216 x 147 x 61mm (WxDxH)
Weight	800 gms
Paper	106 mm width thermal paper - 20mm roll
LED Indications	Mains Connected, Low Battery No Paper, Loose Electrode
Memory	10 seconds for all 12 leads. Multiple patients (Optional)
Display	
Type	Color TFT with Touch Screen
Size	3.5"
Resolution	320x240
PC Communication	
Serial Interface	USB 2.0 interface for data management, Viewing/reporting of ECG through PC Link software (optional)
Electrical	
Battery	7.4V, 2.2Ah, Li-ion Rechargeable battery can record more than 100 ECG recordings on Single Charge
Charging Time	4 Hours for Fully Discharged Battery
Input Power Supply	9V, 3A from Adapter
ECG	
Leads	Standard Cabrera
CMRR	>110 dB
Input Impedance	>10MΩ on each Electrode

Dynamic Range	± 8mV
Frequency Response	0.05-150 Hz (-3dB) without Filters
A/D Conversion	24 bits, 12 Leads simultaneous Acquisition
Paper Speed	5, 6.25, 12.5, 25, 50 mm/Sec.
Sampling Rate	1600 samples/Sec., saved at 400 samples/Sec.
Sensitivity	5,10,20 mm/mV
Filters	Complete digital processing to reduce mains interference, muscle tremors and base-line wander
Operating Modes	Manual/Auto
Defibrillation Protection	Internal at apparatus
Pace Maker Detection	≥ ± 2mV/≥ 0.1 mS
Printout	3 Channel
Flexible Reporting	Reports of stored ECG can be copied for print with new selection of filters, speed and sensitivity.
Operating Environment	
Temperature	0 to 45°C
Humidity	5 to 95% RH, non-condensing
Storage	-5 to 70°C
Optional	PC Communication Facility 4 Ch Printout Memory Storage
<b>Optional as per Order</b>	PC Communication

• Specification are subject to change without prior notice

**OUR PRODUCT RANGE**



**• Cardiology Products :**

- Vizyon E100** - 3 Channel Output
- Vizyon E200** - 12 Channel Output
- Vizyon M10** - 10" Configurable Patient Monitor
- Vizyon M12** - 12" Configurable Patient Monitor
- Vizyon M15** - 15" Configurable Patient Monitor upto 7 Parameters [ECG, SPO<sub>2</sub>, Respiration, Temperature, NIBP, IBP (1,2,3 Ch) - Optional, EtCO<sub>2</sub> (Optional)]

**• Respiratory Care Products :**

- NEO** - Anesthesia Ventilator
- Respimax Plus** - Multi utility Ventilator
- Proton Plus** - Critical Care Ventilators
- Proton Plus PRO** - Critical Care Ventilators with HFNC Functionality
- Oxywean NIV** - Non Invasive Ventilator with HFNC & bubble - CPAP of Functionalities combined in one Device

**• Other ICU Products :**

- VIZYON P10** - Pulse Oxymeter
- VIZYON SP500** - Syringe Pump
- VIZYON SP900** - Syringe Pump



Marketed & Distributed by :

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