



# DEFIBRILLATOR

## Cardiac Resuscitation System-2509

### Features

- <5 Sec to charge to 360J with battery
- Charge up to 360J in AC without battery
- >100 charge discharge cycles with fully charged battery
- LCD for sharp bright non fade display
- Visual and audio alerts
- Thermal printer (optional)
- Event recording
- Built in battery
- Truly portable
- Self Calibration facility
- Display of actual delivered energy
- Sliding adult paddles over paediatric paddles



### Specifications

<b>ECG Amplifier</b>	
Display size	Monochrome LCD 5" diagonal
Display Resolution	320x240 pixels
ECG Modes	<b>Paddle ECG</b> and Patient Cable ECG
Leads off Message	On screen Message with alert tone.
CMRR	>90dB @ 50 Hz
Frequency Response	0.5 to 35 Hz with filter
Sweep Speed	0.5 to 35 Hz with filter
Display time	25mm/sec
HR display	30 to 250 BPM
HR Alarm	Audio Visual user Selectable alarm limits
1mVCal Signal	Vertical line (Variable amplitude w.r.t. Gain)
ECG OUT	1V/1mV (depends on gain settings)
Patient Cable length	3 mts
Electrical isolation and shielding	Input protected against high voltage DF pulse and radio frequency interference.
Cautery filter	Built in



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<b>DEFIBRILLATOR</b>	
Waveform	5 msec Monophasic pulse(own)
Energy Select	0-360 J in steps 2,3,5,7,10,20,30,50,70,100,200,360
a) External	
b) Internal	0-50 J in steps 2,3,5,7,10,20,30,50
Charge Time	<5 secs to 360 J with battery (fully charged new battery) 15 secs to 360 J without battery (AC mains only)
Charge Indicator	Charge ready Lamp on the Front Panel & audible tone Charge ready Lamp on Apex paddle
Available energy	Displayed on the screen
Paddle Contact Indicator	Available on the paddle
Synchronisation	Defibrillation synchronised to the R wave. Marker indication on ECG waveform.
Sync Message display	Message on monitor screen and lamp on front panel.
Energy / HR display	Display on the screen
Paddles	Standard Anterior / Anterior Electrodes Slides off to Expose Paediatric Electrodes.
Internal Paddles	Optional
<b>PRINTER SECTION (optional)</b>	
Recording type	Thermal Array recording
Paper size	60mmX30mts
Paper Speed	25mm/sec
Print Delay	6sec (Selectable in auto mode)
Event Recording	Stores and Prints 3 sec. Pre and 8 secs. Post critical event data upto 28 events.
Print Annotations	Time, Date, Heart rate, HR limits, Event marker, ECG Parameters, Defibrillator mode, Selected & Delivered Energy, Patient Impedance, Peak current & Hospital Name

### **STANDARD ACCESSORIES**

Defibrillator - Paddles (Adult & Paediatric) .  
 Earth Cable .  
 Disposable Electrodes 30 .  
 Accessory Bag .  
 Patient Cable (3 lead) .  
 Mains Cable (Power Cord)o.