

# Defibrillator with Multipara Monitor

## Total Life Sustaining System

COMPLIES WITH IEC 60601-1 STANDARDS AND ISI STANDARDS



### Model: G5M

#### DEFIBRILLATOR BIPHASIC

- Defibrillator Pulse: Truncated exponential Biphasic Pulse
- Charging time: <7Sec. at Max Joules
- Energies available: 5 to 200 Joules (8 steps)
- Internal Mode (Optional): 5 to 50 Joules (4 steps)
- Synchronizer: Sync. Marker

#### SPECIAL FEATURES

- High Integration Microprocessor Based
- Perfect tool in emergency cardiac care
- Large TFT Colour Display
- Rotary Optical Encoder Operation

#### MONITOR

- Screen: TFT Colour Screen 12"
- Parameters: Defibrillator, Printer, Monitor with ECG, SPO2, NIBP, RESP, TEMP
- Sweep Speed: 25 and 50 mm/Sec.
- Band width: 0.1 to 35Hz
- Controls General: Freeze, Alarm Settings
- ECG: Gain, Lead Selector and Paddles
- DEFIS: Energy Select, Charge, Sync Mode
- Indications: Alarm, Lead fault, Defibrillator, Sync mode, Charging, Discharged, Dumping energy, Stored energy & Delivered energy.

#### ECG

- Lead: 3/5 Lead and Paddle Pickup
- Input: Isolated & Floating, Rejects surges by ESU, Defibrillator
- Dynamic input range:  $\pm 5$  mV
- Noise: <10 micro A (ref to Input)
- Filters: 50Hz Notch & Diathermy Filter
- Input impedance: Greater than 100m ohms
- CMRR: >100dB
- Defib Protection: 5kv
- Pacer rejection: Spike of 0.1msec  $> \pm 20$  mV
- Input Isolation: <10micro A at 230V AC
- Input Capacitance: <35pF

#### HR

- Read out: 30 to 250 BPM
- Accuracy:  $\pm 1\%$   $\pm 1$  BPM
- Averaging Technique: Moving average Window
- QRS Indication: On screen

#### ALARMS

- Alarm limit settings: Independent of all parameters. Last set values are stored in Non-Volatile Memory
- Alarms Accuracy:  $\pm 1$
- Audio / Visual: Low & High Alarm Violation, Continues beep for Alarm Violation

#### BATTERY

- Type: 21.6V, 3.5Ah, Ni-mH
- Charge Time: 16 Hrs.
- Battery capacity: 60 Shots at 200 Joules or 180 minutes Monitoring time.

#### ELECTRODES

- Defibrillation: Apex/ Sternum Paddles with integrated Pediatric Paddles, Internal Paddles (Optional)
- Pacing (Optional): Specially designed per gelled, Disposable anterior / Posterior electrodes
- Monitoring Electrodes: Standard Disposable ECG electrode

#### GENERAL

- Dimension: 360 (L) x 315 (H) x 160 (W) mm
- Weight: 9Kgs
- Power Input: 220V + 10%AC, 50Hz
- Consumption standby: 25 VA
- Defib: 300VA
- Earth Leakage Current: <100 micro A
- Operating temperature: +5C to +45C at 95% RH

#### PRINTER

- Type: Thermal
- Frequency response: 0.05 to 100 Hz
- Paper Width: 50mm
- Paper Speed: 25mm/sec
- Information: Real time, Delayed time, Auto record or Defib event

Marketed by:

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