

# RESCUE 230 BIPHASIC MANUAL DEFIBRILLATOR

## RESCUE 230 BIPHASIC MANUAL DEFIBRILLATOR

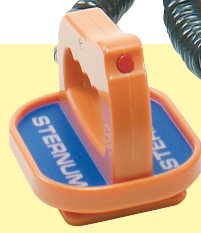
- A range of 2 professional models with advanced features:
- BTE (biphasic truncated exponential) discharge type
  - Impedance compensated energy delivery
  - Energy selection from 2 to 230 Joule directly from the front panel.
  - Charge time 5 sec for 230 Joule with fully charged battery
  - 100 shocks of 230 J with fully charged batteries
  - Charge/discharge control from the paddles
  - Ecg 'R' wave synchro mode or async mode
  - Large (5.7") high resolution backlight LCD display (320x240 dots)
  - ECG through the paddles or through patient cable
  - Adjustable HR and SpO<sub>2</sub> alarms limits

- **33447 RESCUE 230 BIPHASIC DEFIBRILLATOR - 220V**
- **33457 RESCUE 230 BIPHASIC DEFIBRILLATOR WITH PACEMAKER** (rectangular pulse, pulse duration 22 msec, pulse max amplitude 150V, stimulation frequency 30 to 150 BPM)
- **33448 DISPOSABLE PADDLES - box of 2 - adult**
- **33449 CABLE FOR DISPOSABLE PADDLES**
- **33439 SpO<sub>2</sub> PROBE**    • **33250 THERMAL PAPER**

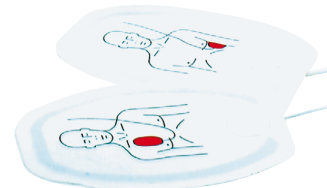
Battery charging car plug on request



**33447**



Adult and pediatric standards pads



Optional paddles for monitoring

**33448**

### TECHNICAL SPECIFICATIONS

- Display:**
- Large (5.7") high resolution backlight LCD display (320x240 dots)
  - ECG through the discharge paddles (1 trace) or through 4 leads patient cable (6 traces): I, II, III, aVR, aVL, aVF.
  - Automatic change over when plugging the patient cable
  - Filters: 50 Hz/60 Hz, base line, low pass
  - Heart rate indicator
- Printer:**
- Auto printing mode
  - Integrated thermal printer for ECG traces and events documentation hardcopy
  - Paper speed 5, 10, 25 and 50 mm/sec. (paper width 58 mm)
- Safety:**
- Two hands safety shock release
  - Ecg input isolation CF class
  - Internal discharge after 30 sec. of standby after charge
- Power supply:** internal Ni-Cd high capacity batteries (charging time 95%: 2 hours) universal mains adaptor charger 110/220 VAC, 50/60 Hz
- Dimensions:** 34 x 26 x 13 cm    **Weight:** 5.5 kg    **Made in Italy**

### STANDARD ACCESSORIES

- |                                      |                           |
|--------------------------------------|---------------------------|
| Internal Ni-Cd high capacity battery | Printer                   |
| Carrying case                        | 1 paper roll              |
| Patient cable 4 leads                | 2 reusable paddles        |
| Manual English, Italian, on request  | Mains adaptor charger     |
| Spanish, Turkish                     | Disposable paddle*+cable* |
- \*Only for 33457

# RESCUE LIFE MANUAL AND SEMIAUTOMATIC AED DEFIBRILLATORS

## RESCUE LIFE DEFIBRILLATORS

- BTE (Biphasic Truncated Exponential) discharge type
- Impedance compensated energy delivery
- Energy selection from 2 to 230J directly from rotative selector
- ECG "R" wave synchro or asynchro mode
- AED mode in accordance to AAMI DF39 (only 33591)
- Internal memory for 50 hours ECG events and usage review recording (only 33591)
- Brilliant TFT Color display 5.7" backlight, high resolution
- Adjustable HR and SpO<sub>2</sub> alarm limits
- Simple to navigate user interface thanks to multifunctional trim knob



**33591 + 33595**

**33591**

### TECHNICAL SPECIFICATIONS

- Display:**
- High contrast TFT colour LCD 5.7" (320x240 pixel)
  - ECG through the discharge paddles (1 trace) or through 3, 10 leads patient cable for 6, or 12 traces and SpO<sub>2</sub> trace and value
  - Automatic change over when plugging the patient cable
  - Filters: 50/60 Hz, base line, low pass
  - Heart rate indicator
- ECG monitoring**
- Bandwidth: 0.5 to 120 Hz (-3db) with filters off
- ECG trace parameters:
- Velocity 5, 10, 25, 50 mm/sec.
  - Gain 5, 10, 20 mm/mV with patient cable; auto with paddles
  - HR digital readout on the display from 20 to 300 bpm (± 2%)
- Alarm:** HR max settable 250 bpm, HR min settable 20 bpm
- Pulse oxymetry (SpO<sub>2</sub>)**
- Oxygen saturation range: 0 to 100%
  - Pulse rate range: 18 to 300 pulses per minute
  - Accuracy SpO<sub>2</sub>: 70-100% ± 2 digits for adults using the finger clip sensor
- Non-invasive pacemaker (33591 only)**
- Rectangular wave
  - Pulse Time: 22 ms
  - Pulse Current: MAX 150 mA
  - Pulse Voltage: MAX 150 V
- Printer:**
- Auto printing mode
  - Integrated thermal printer for ECG traces and events documentation hardcopy including SpO<sub>2</sub> in %
  - Paper speed 5, 10 and 25 mm/sec.
  - Paper width: 58 mm
- Safety:**
- Two hand safety shock release
  - Ecg input isolation CF class
  - Internal discharge after 30 sec. of standby after charge
- Power supply:** internal Ni-Mh high capacity batteries (charging time 95%: 2 hours) universal mains adaptor charger 110/230 VAC, 50/60 Hz
- Dimensions:** 36 x 24 x 34 cm    **Weight:** 5.5 kg    **Made in Italy**

GIMA code	RESCUE LIFE DEFIBRILLATOR
<b>33590</b>	Rescue life defibrillator
<b>33591</b>	Rescue life AED defibrillator with pacemaker
<b>33448</b>	Disposable paddles - box of 2 adult
<b>33593</b>	Cable for disposable paddles
<b>33592</b>	SpO <sub>2</sub> probe*
<b>33594</b>	ECG cable 10 leads
<b>33595</b>	Rescue life bag
<b>33250</b>	Thermal paper

\*To be installed when you order defibrillator

### STANDARD ACCESSORIES

- |                          |                        |
|--------------------------|------------------------|
| Internal Ni-Mh batteries | Printer                |
| 1 paper roll             | Patient cables 3 leads |
| 2 reusable paddles       | Main adaptor charger   |
| Manual: English, Italian |                        |