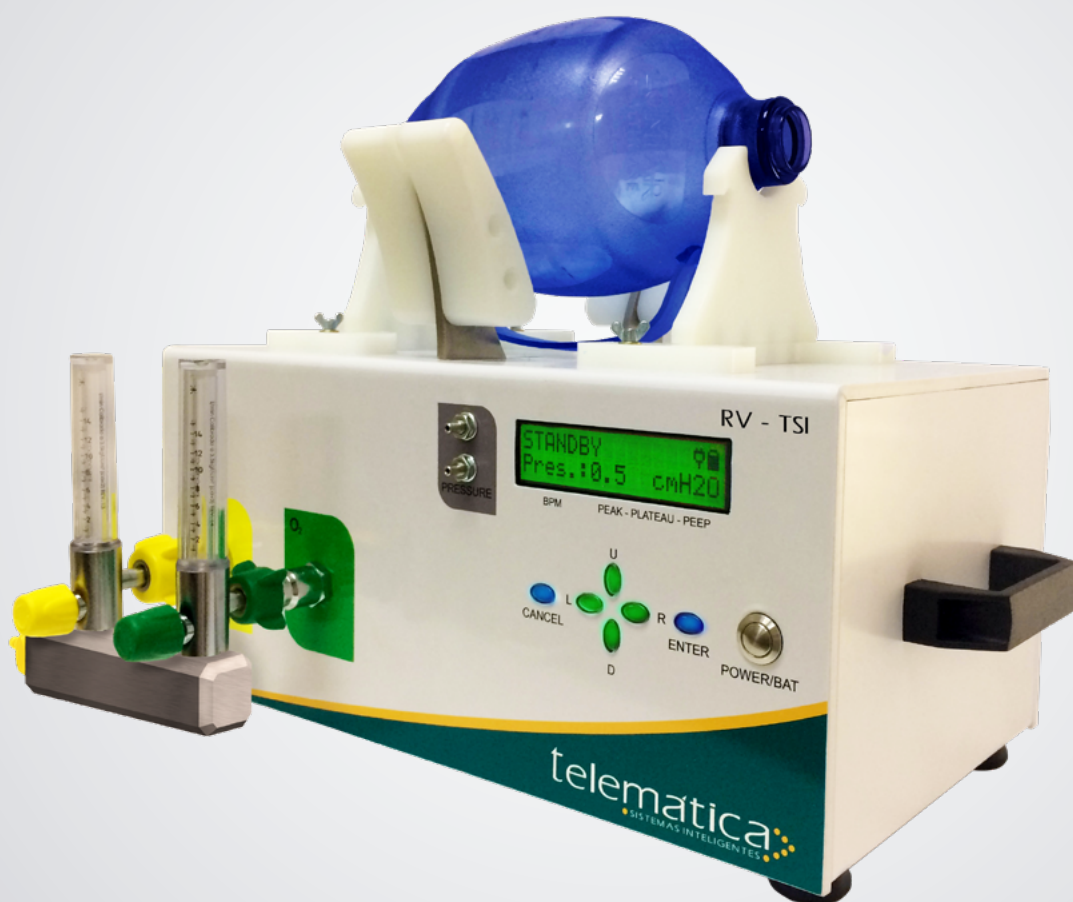


Essential equipment for maintaining life in times of crisis

# TSI Automated Respiratory Support



This is a low-cost respiratory support device, developed for use in cases of mass casualties and low-resource environments (automated Ambu®). This equipment performs ventilation from a conventional bag-valve mask (BVM) eliminating a human operator for this action, as well as enabling a hospital to maximize the use of its assets. Provides assured tidal volume with assisted/controlled modes for patients with respiratory failure.

It is a light equipment (8kg) which facilitates its transport with practical handle.

It has a long-life rechargeable internal battery (>2h autonomy).

#### VENTILATION MODE:

- VCV – Volume-controlled ventilation (time cycled);
- VCVA – Volume-controlled ventilation assisted.

#### ADJUSTABLE PARAMETERS:

- Tidal volume (ml);
- Frequency (bpm);
- Maximum Pressure;
- INS:EXP Ratio;
- Inspiratory Pause;
- FiO<sub>2</sub> (through flowmeters).

Equipped with a LCD Display, the ventilator allows the adjustment of parameters, visualization of ventilation monitoring data, alerts and alarms.

#### ALARMS FOR:

- High pressure;
- Low pressure;
- Pressurized Breathing Circuit;
- Breathing circuit disconnection;
- Low battery;
- Power grid failure;
- Battery Failure;
- O<sub>2</sub> time failure;
- Expired volume failure;
- Inspired volume failure.

#### THE VENTILATION MONITOR CAN DISPLAY THE FOLLOWING PARAMETERS:

- Maximum pressure;
- Plateau pressure;
- PEEP (Positive End-Expiratory Pressure);
- Inspired volume;
- Expired volume.

#### THIS EQUIPMENT CAN BE USED FOR VENTILATION OF PATIENTS:

- In emergency medicine for primary care;
- When replacing manual ventilation through Bag Valve Mask (BVM).

AUTHORIZED RE-SELLER \_\_\_\_\_



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