

# CPR MEDICAL DEVICES INC.

## Oxylator® FR-300



The Oxylator® FR-300 is an emergency resuscitator specially designed for first responders. Simple, one-button operation delivers optimal levels of oxygen and dramatically reduces complications associated with time-cycled devices and bag valve masks. The Oxylator® FR-300 automatically maintains adequate ventilation for each patient through an advanced pressure and flow sensing system. This patient-responsive resuscitator assures a constant flow rate and safe pressure limit during inspiration, and allows for passive exhalation.

- Reduces the risk of gastric insufflation and barotrauma common with the use of bag valve masks
- Eliminates "breath stacking" associated with time-cycled ventilation
- More efficient use of oxygen as power supply
- Single use, quick change viral/bacterial filter
- Audible and visual indication of airway obstruction
- Simple, one-button operation designed for single person rescue
- Light-weight, impact-resistant design
- Frees hands to focus on mask seal to improve airway management
- Easy cleaning and assembly
- Few moving parts, minimal maintenance required
- Manual and continuous cycling modes
- FIO<sub>2</sub> of 1.0 during resuscitation

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The Oxylator® FR-300 is sold with five disposable filters, one disposable mask, QC report and warranty card. Separate oxygen delivery kits may also be purchased. Please consult your distributor for details.

### Feature

Model

Weight

Dimensions

Housing Material

Oxygen Supply

Required Source Pressure

Required Flow Source

Dead Space

Inspiratory Flow Rate

Minute Volume Delivered

Average Time of Oxygen Supply

Average Inspiratory/Expiratory Ratio

PEEP (Auto Mode Only)

Ventilatory Frequency

Pressure Relief

Expiratory Resistance

Suitable Body Mass Range

Oxygen Concentration

Filter

Mask/Airway Connections

Usage Temperature Range

Storage Temperature Range

Obstructed Airway Warning

Oxygen Inlet Connection

Warranty

### Specification

Oxylator® FR-300

0.18 kg, or 0.40 lbs

48 mm X 100 mm, or 1.87 in X 3.94 in

Acetal

Compatible with most tanks and regulators

3.0-5.5 bar, or 45-80 psig

Minimum 40 Liters/Minute

20 ml

Maximum 30 Liters/Minute

10 -12 Liters/Minute (Auto Mode)

Cylinder Volume Divided by 12 liters/Minute

1-1.5, or Manually Controlled

2-4 cm H<sub>2</sub>O

Auto-Adjusting to Lung Capacity in Auto Mode

20 cm H<sub>2</sub>O, 15 mm Hg

Approximately 5 cm H<sub>2</sub>O in Manual Mode

Greater than 10 kg, or 22 lbs

100% During Resuscitation Mode

Single Use, Viral/Bacterial

15mm Internal/ 22 mm External

-30 C to 60 C, or -22 F to 140 F

-40 C to 70 C, or -40 F to 158 F

Rapid Cycling, Audible and Visual

DISS, ISO Standards

Five year, maintenance free warranty

SpecificationCons are subject to change.

The Oxylator® FR-300 contains patented technology developed and manufactured by:

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Global patents and further U.S. patents pending