

# 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	Specification
Model	Oxylator® FR-300
Weight	0.18 kg, or 0.40 lbs
Dimensions (length)	48 mm X 100 mm, or 1.87 in X 3.94 in
Housing Material	Acetal
Oxygen Supply	Compatible with most tanks and regulators
Required Source Pressure	3.0-5.5 bar, or 45-80 psig
Required Flow Source	Minimum 40 Liters/Minute
Dead Space	20 ml
Inspiratory Flow Rate	Maximum 30 Liters/Minute
Minute Volume Delivered	10 -12 Liters/Minute (Auto Mode)
Average Time of Oxygen Supply	Cylinder Volume Divided by 12 liters/Minute
Average Inspiratory/Expiratory Ratio	1-1.5, or Manually Controlled
PEEP (Auto Mode Only)	2-4 cm H <sub>2</sub> O
Ventilatory Frequency	Auto-Adjusting to Lung Capacity in Auto Mode
Pressure Relief	20 cm H <sub>2</sub> O, 15 mm Hg
Expiratory Resistance	Approximately 5 cm H <sub>2</sub> O in Manual Mode
Suitable Body Mass Range	Greater than 10 kg, or 22 lbs
Oxygen Concentration	100% During Resuscitation Mode
Filter	Single Use, Viral/Bacterial
Mask/Airway Connections	15mm Internal/ 22 mm External
Usage Temperature Range	-30 C to 60 C, or -22 F to 140 F
Storage Temperature Range	-40 C to 70 C, or -40 F to 158 F
Obstructed Airway Warning	Rapid Cycling, Audible and Visual
Oxygen Inlet Connection	DISS, ISO Standards
Warranty	Five year, maintenance free warranty

Specifications are subject to change.

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

**CPR Medical Devices Inc.**  
**161 Don Park Road**  
**Markham, Ontario**  
**L3R 1C2**  
**Canada**

U.S. Patent No. 5,230,330  
Global patents and further U.S. patents pending