

OXYLATOR[®] FR-300

5 YEAR WARRANTY

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 “bag-valve-masks” and “time-cycled devices”. 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 inhalation and allows for passive exhalation.

- Reduces the risk of gastric insufflation and barotrauma common with the use of bag-valve-masks
- Eliminates “stacking of breaths” associated with “bag-valve-masks” and “time-cycled” ventilation
- More efficient use of oxygen as a power supply
- Single use, quick change viral / bacterial filter
- Audible and visual indication of airway obstructions
- 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
- FIO₂ of 1.0 during resuscitation



Unique Operating Features

- Alerts to Airway Obstruction—“Stuttering” Sound
- Alerts to Mask or “Tube” Leak—No Cycling Occurs
- **NO** “Stacking” Occurs—Adapts to Exhalation Length
- Reduces Gastric Insufflation—Flow Rate < 30L/Min.
- Easily Operated by Heavily Gloved Hand—HAZMAT
- Keeps the Airway Open—2-4 cmH₂O PEEP-Auto Mode
- Reduces Caregiver’s Fatigue—Two Hands to Seal Mask
- Adapts to I : E Ratios—Patient Sets “Natural” BPM
- “Positive Pressure” Ventilation—CPR / HAZMAT

Note:

The Oxylator FR-300 is sold with one disposable mask, five disposable viral / bacterial filters, QC report, operators guide, and warranty card. Straight braided hose (hand-tightened) is optional. Please consult your distributor for details.

Oxylator FR-300 Product Specifications

FEATURE:	SPECIFICATIONS:
MODEL	OXYLATOR FR-300
WEIGHT	0.18 kg; 0.40 lbs
DIMENSION (Diameter X Length)	48mm x 100 mm, 1.87 in x 3.94 in
MATERIAL OF HOUSING	Acetal
REQUIRED SOURCE PRESSURE	45-80 psig, 3.0-5.5 bar
REQUIRED FLOW (Source)	min. 40 lpm (vs. 1.0 mm orifice)
DEAD SPACE	20 ml
INSPIRATORY FLOW RATE	30 lpm (max)
MINUTE VOLUME DELIVERED	10 to 12 litres per minute (auto mode)
AVERAGE TIME OF OXYGEN SUPPLY	Cylinder vol. divided by 12 l/min
AVERAGE INHALATION / EXHALATION RATIO	1 to 1 : 5, or manually controlled
PEEP (Auto Mode Only)	2 to 4 cm H ₂ O
VENTILATORY FREQUENCY	Auto-adjusting to lung capacity (auto mode)
PRESSURE RELIEF	20 cm H ₂ O, 15 mm Hg
EXPIRATORY RESISTANCE	Approximately 5 cm H ₂ O (manual mode)
SUITABLE BODY MASS RANGE	10 kg+, 22 lbs+
OXYGEN CONCENTRATION	100% during auto resuscitation mode
VIRAL-BACTERIAL FILTER	Single use, disposable
MASK / AIRWAY CONNECTIONS	15 mm internal / 22 mm external
USAGE TEMPERATURE RANGE	(-30C to +60C) or (-22F to +140F)
STORAGE TEMPERATURE RANGE	(-40C to +70C) or (-40F to +158F)
OBSTRUCTED AIRWAY WARNING	Rapid cycling, audible and visual
OXYGEN INLET CONNECTION	DISS, ISO Standards
WARRANTY	5 Year, maintenance free warranty

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

CPR Medical Devices, Inc.
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U.S. Patent #5,230,330
Global Patents and further U.S. patents pending

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