



# Ohmeda 7800

## Anesthesia Ventilator

### REFURBISHED

The Ohmeda 7800 Anesthesia Ventilator is available refurbished from DRE, Inc. This ventilator can be utilized on adult patients with a pediatric option. The 7800 is powered by AC with battery back-up. The liquid crystal display ensures a clear display screen. Functions are microprocessor controlled and there are audible and visual alarms. The vent provides Oxygen, Volume, and Airway Pressure monitoring.

## Ohmeda 7800 Specifications

### ELECTRICAL

Power Consumption:	60 VA at 120/240 V <sub>~</sub>
Power Supply:	Internal Supply (electrical) User-selectable line voltage 100/120/220/240 V <sub>~</sub> 50-60 Hz
Backup Battery:	Liquid Crystal Display

### CONTROLS

Control	Range	Display Resolution
Tidal Volume:	50-1500 mL	From 50 mL to 100mL: 2-mL resolution From 100 mL to 250 mL: 5-mL resolution From 250 mL to 1000 mL: 10-mL resolution From 1000 mL to 1500 mL: 20-mL resolution
Rate:	2-100 B/min	1 B/min increment
Inspiratory Flow:	10-100 lpm	Resulting I:E Ratio: 1:0.5 min., 0.5 resolution
Inspiratory Pressure Limit:	20-100 cm H <sub>2</sub> O	1 cm H <sub>2</sub> O increment
Sigh Function:	150% of set VT (up to 1500 mL) every 64th breath	

### PERFORMANCE CHARACTERISTICS

Supply Gas Requirements:	(50 psig) nominal at pipeline
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### MONITORING

#### Oxygen Monitoring:

Display:	Range:	0 to 110% oxygen
	Resolution:	1% of full scale
Sensor:	Sensor type:	Galvanic fuel cell
	Response time:	90 % of total change in oxygen concentration in less than 20 seconds at 25° C (77°F)

Low Oxygen Alarm Limit:	18-99%, 1% increment
High Oxygen Alarm Limit:	19-99%, 1% increment (disabled when set to zero)

#### Volume Monitoring:

Display range:	Tidal volume:	0-9999 mL, 1 mL resolution
Minute volume:		0.0 to 99.9 liters, 0.1 liter resolution
Breath rate:		0-99 breaths per minute, 1 B/min resolution
Accuracy:	Tidal volume:	300 mL to 1.5 liter range: ±8% or ±40 mL (whichever is greater) 50 mL to 299 mL range: ±20% or ±20 mL (whichever is greater)
Sensor:	Type:	Expendable turbine vane flow cartridge with clip-on, heated, optical coupler

#### Airway Pressure Monitoring:

Pressure Transducer Range:	-20 to +120 cm H <sub>2</sub> O, ±3 cm H <sub>2</sub> O
Response Time:	10 milliseconds
Accuracy:	± 3 cm H <sub>2</sub> O over the range of -20 to 120 cm H <sub>2</sub> O
High Pressure Alarm Limit:	20-100 cm H <sub>2</sub> O, 1 cm H <sub>2</sub> O increment
Sustained Pressure Limit:	10-30 cm H <sub>2</sub> O, 1 cm H <sub>2</sub> O increment