



TV-100 VENTILATOR

Infant - Pediatric - Adult / ICU - Transport



One Vent - All Patients - Anywhere Superior Portability, Flexibility, and Performance

Bio-Med Devices' new industry leading TV-100 Ventilator offers the latest technology, and provides the modes and performance of a full size ICU ventilator in a compact design that is ideal for transport.

Full FiO2 Capability

The TV-100 features an internal compressor which provides air supply without the need for external pressurized gas supplies. Oxygen may also be provided from a 50 PSI gas source.

Dependable & Easy to Use

The TV-100 features dual, hot swappable, rechargeable batteries that allow for uninterrupted use on the go.

The TV-100 is capable of up to 7 hours of continuous battery operation with fully charged batteries.

The TV-100 offers the novice user a simple set-up assistant to get up and running in seconds, while the experienced user can take full advantage of advanced features like waveform graphs and loop graphs to provide complete patient care.

Unmatched Capability

The TV-100 offers the capability to ventilate the smallest of premature infants to the largest of adult patients. This feature, as well as the inclusion of non-invasive modes, makes the TV-100 the only ventilator needed wherever the TV-100 is used.

Pending FDA Clearance

TV-100

One Vent - All Patients - Anywhere

Ventilation Modes

Apnea
 Assist Control-Pressure
 Assist Control-PRVC
 Assist Control-Volume
 CPAP-Pressure Backup
 CPAP-Volume Backup
 NIV- Bi-level
 SIMV-Pressure
 SIMV-Volume

Monitors/Alarms

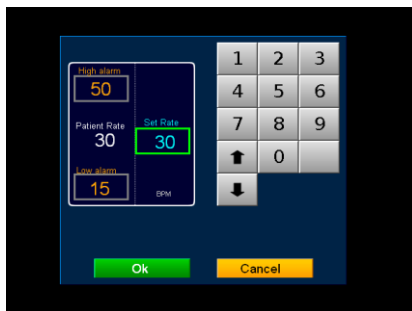
Rate
 Oxygen (O2)
 PEEP
 EPAP
 IPAP
 Apnea
 ExhTV
 ExhMV
 Peak Pressure
 Mean Pressure
 Low Battery
 I:E Ratio

Included Accessories

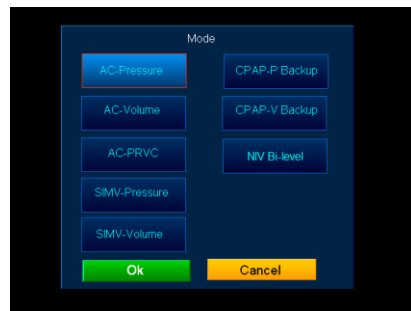
TV-100 Operator's Manual
 Pole Mounting Bracket
 Disposable Adult Circuit
 Disposable Infant Circuit
 Adult Test Lung
 Infant Test Lung
 Pediatric/Adult Flow Sensor
 Infant Flow Sensor
 Disposable Patient Filter
 O2 High Pressure Supply Hose
 AC Adapter with Cord
 TV-100 Battery (x2)

Optional Accessories

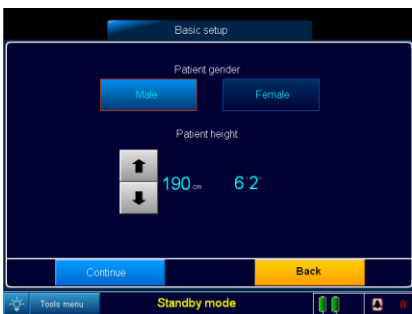
Bed Rail Mounting Bracket
 Disposable Pediatric Circuit
 HMEF Patient Filter
 O2 Filter/Water Trap (International Only)
 O2 High Pressure Supply Hose (Hand Tighten)
 Pediatric Test Lung
 TV-100 Battery Charger



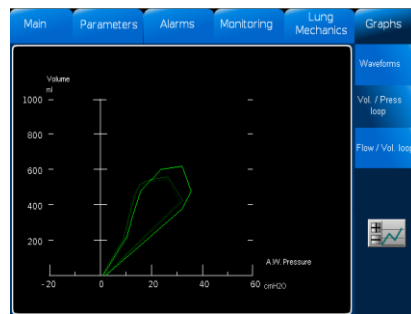
Settable Value & Alarm Popup



Mode Selection



Set-Up Assistant



Loop Graph

Physical Characteristics

Size: 12.8" x 11.9" x 7.6 (32.5 cm x 30.2 cm x 19.3 cm)
 Weight: 15.6 lbs. (7.1 kg) (Without AC Adapter)

Specifications

Parameter	Range
Apnea Alarm.....	10 - 60 seconds
I:E Ratio.....	3:1 to 1:99
Pressure Support.....	1 - 60 cmH2O
Rate (Pediatric/Adult).....	5 - 100 bpm
Rate (Neonatal).....	5 - 150 bpm
SIMV Rate.....	0.6 - 50 bpm
Expiratory Time.....	0.2 - 99.9 seconds
Inspiratory Time.....	0.1 - 3.0 seconds
Flow Trigger (Pediatric/Adult).....	0.5 - 10 lpm
Flow Trigger (Neonatal).....	0.5 - 10 lpm
Pressure Trigger.....	-0.2 to -10 cmH2O
Purge Flow.....	40 - 60 mlpm
Base Flow (Pediatric/Adult).....	6 lpm
Base Flow (Neonatal).....	2.5 lpm
Flow (Pediatric/Adult).....	0.1 - 180 lpm
Flow (Neonatal).....	0.1 - 15 lpm
PEEP/CPAP (Pediatric/Adult).....	0 - 35 cmH2O
PEEP/CPAP (Neonatal).....	0 - 25 cmH2O
EPAP.....	4 - 20 cmH2O
IPAP.....	4 - 40 cmH2O
PIP (Pediatric/Adult).....	3 - 99 cmH2O
PIP (Neonatal).....	3 - 60 cmH2O
Tidal Volume (Pediatric/Adult).....	75 - 2500 ml
Tidal Volume (Neonatal).....	2 - 100 ml
Pop-off Relief Valve (Ped./Adult)....	99 cmH2O
Pop-off Relief Valve (Neonatal).....	60 cmH2O



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 Specifications subject to change without notice