

# 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 FiO<sub>2</sub> 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 and is delivered via an internal blender in O<sub>2</sub> concentrations from 21 - 100%.

### Dependable & Easy to Use

The TV-100 features dual, hot swap capable, rechargeable batteries that

allow for uninterrupted use on the go. The TV-100 is capable of 7 to 11 hours of continuous battery operation with fully charged batteries.

The TV-100 offers the user a simple set-up assistant to get up and running fast, when seconds count. The user can also 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 wide range of use, as well as the inclusion of non-invasive modes, sets the TV-100 apart.

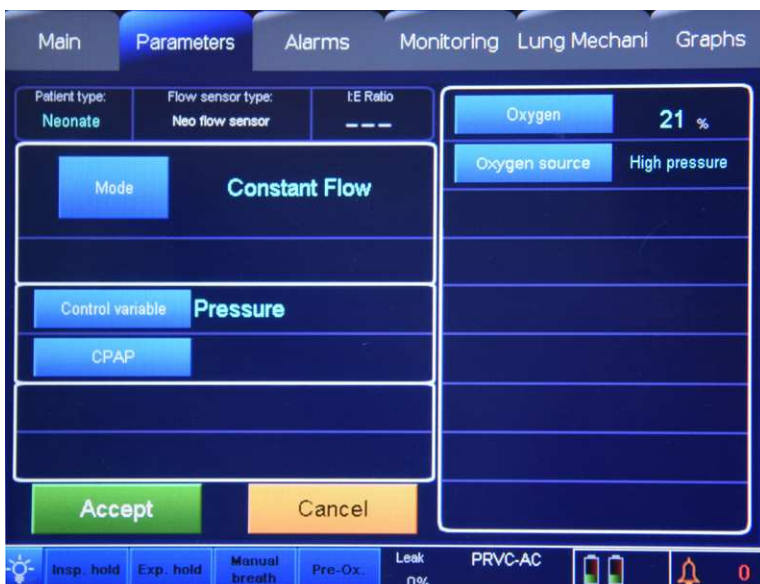


## NIV Mode

- A diverse mode that can be used for many non-invasive applications
  - Differing inspiratory and expiratory pressures (IPAP and EPAP)
  - CPAP
  - With or without a set rate
  - With or without apnea backup
  - Can be used with a vast array of neonatal nasal CPAP interfaces

## PRVC Mode

- Pressure Regulated Volume Control
- Inspiratory pressure adjusts up or down to maintain a set target tidal volume
- Volume guarantee



## Constant Flow

- Use this mode to provide flow to a resuscitation bag prior to intubation
- Provide flow to a high flow cannula
- Provide flow to a low flow neonatal cannula

## TV-100 Meets Transport Requirements

Tested to and complies with the new standards for Emergency Medical Services 60601-1-12. Testing includes water ingress (rated to IP44), extreme vibration, 30G forces, EMI/RFI, and drop test from a height of 75 cm to concrete onto all six sides of the ventilator.

The TV-100 has been tested and passed important clauses of the DO-160G aviation standard.

Your choice for transport ventilation, the TV-100 uses the latest in smart battery technology with built-in charge intelligence and safety features including protection from over-charge, deep discharge, and short circuit overload making it the frontrunner for safety in air transport.

Automatic barometric compensation for altitude or cabin pressure changes up to 12,000 feet.



Pictured Above:  
Ventilator Roll Stand  
(BMD Part Number 1060T)  
with 2 E-Cylinder Tank Brackets  
(BMD Part Number 1061T)



Pictured Left:  
TV-100 Bed Rail Bracket  
(BMD Part Number 2013BR)