



We Serve, You Cure

**AMS** Solutions Inc.



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**Solutions Inc.**  
*Your Respiratory Partner*

## NEW PORT HT50

### MONITORED PARAMETERS

Paw (Peak, Mean, Base): VT (insp. tidal volume)

Internal Battery: *f* total (total frequency)

### ALARMS

Paw(High Airway Pressure): 4 to 99 cmH<sub>2</sub>O/4 to 99 mbar

Paw(Low Airway Pressure): 3 to 98 cmH<sub>2</sub>O/3 to 98 mbar

High Baseline Pressure: Automatically set

Low Baseline Pressure: Automatically set

V<sub>I</sub>(High Insp. Minute Volume): 1.1 to 50 L

V<sub>I</sub>(Low Insp. Minute Volume): 0.1 to 49.0 L

Apnea (Paw/Apnea): 30 sec

Device Alert: malfunction alert

Power Switchover: AC to DC

Low Battery: minimum 30 minutes of back up power remains

Silence/Reset: 60 sec.

\*PEEP + support cannot exceed 60 cmH<sub>2</sub>O/mbar

### SPECIFICATIONS

#### MISCELLANEOUS

Operating Temperature: -18°C to 50°C

Operating Altitude: 0 to 15,000 ft (0 to 4,572m)

Storage Temperature: -40°C to 65°C

RS-232: 8 pin Semconn connector

19,200 Baud Remote Alarm/Nurse Call can be set up normally open or closed .

#### ORDERING INFORMATION

HT50-H1-B: Ventilator

HT460231: Compact stand with support arm

HT460700: Air/Oxygen Entrainment Mixer

HT600044: Oxygen Blending Bag Kit

HT460085: Automotive lighter 12V Power cord

HTECH01: E-cylinder holder for stand

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## NEW PORT HT50

### SPECIAL FEATURES



- Volume or Pressure Control Ventilation
- Invasive or Non-Invasive Ventilation
- Pressure Support
- Back-up Ventilation
- PEEP/CPAP, Built-in
- Comprehensive Alarms/Monitoring
- Dual Pac Internal Battery System, up to 10 hours of operation
- Unique Gas Delivery System Requires No External Air Compressor
- Optional Air/Oxygen Mixer for High Pressure 0.21-1.00
- Optional Blending Bag for Low Flow Systems
- Secondary back-up battery built-in for added safety

### PATIENT RANGE

10 kg Infant, Pediatric and Adult

### CONTROL SETTINGS

Modes (Pressure or Volume): A/CMV SIMV SPONT

Volume Control (Tidal volume): 100 to 2,200 mL

f(Frequency): 1 to 99 b/min

tI(Inspiratory Time): 1.1 to 3.0 sec

PEEP/CPAP: 0 to 30 cmH<sub>2</sub>O/0 to 30 mbar

Pressure Support: 0 to 60 cmH<sub>2</sub>O/0 to 60 mbar\*

Flow: 6 to 100 L/min

I:E Ratio: 1:99 to 3:1

Pressure Control

(Target Pressure): 5 to 60 cmH<sub>2</sub>O/5 to 60 mbar

P trig (Sensitivity): -9.9 to 0 cmH<sub>2</sub>O/-9.9 to 0 mbar

Panel Lock: ON/OFF

Manual Inflation: 3 sec maximum

(single operator

controlled breath)

FIO<sub>2</sub>: .21 to 1.00

## SPECIFICATIONS

### PNEUMATICS

Gas Delivery System: internal dual micro-piston

Air/Oxygen Mixer (Optional): 35 to 90 psig oxygen

**POWER REQUIREMENTS** :100-240 VAC, MAX. 2A

### PNEUMATICS

:Primary lead acid, 12V 5AH when new and fully charged, provides up to 10 hrs of operation

:Secondary NiMH, 12V 2AH provides emergency back up power for minimum 30 mins.

### DIMENSIONS

Width: 10.63 in (27 cm)

Depth: 7.87 in (20 cm)

Height: 10.24 in (26 cm)

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