Flight 60®

Freedom Of Movement!

Flight 60 provides reliable home care ventilation with maximum independence. Remarkably comfortable, effective and safe ventilation delivered in an intuitive and easy to operate ventilator. The Flight 60 ventilator is designed to address the needs of a wide range

Safe, Intuitive and Mobile
- 12 hours internal battery
- Extensive alarm system
- Exhaled volume monitoring
- Integrated O₂ sensor with in-use calibration
- Simple to use with 7” color touch screen
- Lightweight & portable – 6.3 kg
- High pressure and low-flow O₂ ports
- Fully independent internal compressor
- Trends display up to 72 hours

Full Ventilation Package
- Advanced ventilation modes
  - Pressure and Volume
  - Volume Guarantee mode
  - Bi-Level
  - Invasive & non-invasive
- Pediatric to adult - 30 ml - 2.2 liter
- Backup ventilation
- 5 programmable pre-sets
- Telemedicine ready

Now offering Volume Guarantee and Bi-Level

Your Partner in Ventilation
## Technical Specifications

### Modes
- ACMV
- SIMV
- SPONT (CPAP, BPAP)
- Volume Guarantee
- B-Lev (Bi-Phasic, APRV)

### Controls
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<th>Breath Types</th>
<th>Pressure Control</th>
<th>Pressure Support</th>
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<td>OFF/LOW/HIGH</td>
<td>(leak compensation up to 30 LPM)</td>
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### VG Mode
- VTG (Tidal Volume Guarantee)
- MVG (Minute Volume Guarantee)

### SIGH
- ON/OFF

### 2min 100% O₂ Function
- ON/OFF

### Tidal Volume
- 30 to 2,200 ml

### Breath Rate
- 1 to 99 b/min

### Inspiration Time (Ti)
- 0.1 to 3.0 sec

### Flow
- 2 to 100 L/min

### Pressure Control
- 5 to 60 cmH₂O

### Pressure Support (PSV)
- 0 to 60 cmH₂O

### PEEP/CPAP
- 0 to 30 cmH₂O

### Pressure Trigger
- -9.9 to -0.1 cmH₂O

### Flow Trigger
- 1 to 20 LPM

### Rise Profile
- 5 levels

### PSV Ti
- 0.1 to 3 sec

### PSV Flow Termination
- 10% to 70%

### Volume Control
- Time/Flow

### Flow Waveform
- Square/Descending

### FiO₂ Sensor
- ON, OFF, Calibrate

### Manual Breath
- 0 to 3 sec

### Panel Lock
- ON/OFF

### Trends
- ON/OFF/Clear

### VG Mode Controls
- Target VTG: 30 to 2,200 ml
- PSV min: 0 to 60 cmH₂O
- PSV max: 0 to 60 cmH₂O
- Trigger Delay: ON/OFF

### B-Lev Controls
- P High: 3 to 60 cmH₂O
- P Low: 0 to 30 cmH₂O
- T High (Ti): 1 to 15 sec
- T Low: 0.5 to 5 sec
- Inverse I:E: 30:1

### ALARMS (variable)
- Alarm Prioritization: 3 Levels – Caution, Medium, High
- Low Minute Volume: 0.0 to 50 L/min
- Low Pressure: OFF, 1 to 98 cmH₂O
- High Pressure: 4 to 99 cmH₂O
- High Minute Volume: 0.1 to 50 L/min
- High FiO₂: 31% to 99%, OFF
- Low FiO₂: OFF, 22% to 90%
- High Rate: OFF, 1 to 99 bpm
- Low Rate: OFF, 1 to 99 bpm
- Low Vte: OFF, 10 to 2,200 ml
- Low Vti: OFF, 10 to 2,200 ml
- Apnea/Back-Up Ventilation: 10-60 sec

### ALARMS (automatic)
- Check Circuit (Circuit Disconnect), Low/Empty Battery, O₂ Supply Failed, Check O₂ Sensor, Target Volume not reached

### Monitored Parameters
- Waves: Pressure, Flow, Volume
- Loops: Pressure/Volume & Flow/Volume
- Trends: Rate, Peak Inspiratory Pressure & Vte (up to 72 hours)
- Airway Pressure LED Gauge: -10 to 120 cmH₂O
- Peak Inspiratory Pressure: 0 to 120 cmH₂O
- Base Pressure: 0 to 99 cmH₂O
- Mean Pressure: 0 to 99 cmH₂O
- Exhaled Tidal Volume: 0 to 10L
- Exhaled Minute Volume: 0 to 99L
- Inhaled Tidal Volume: 0 to 10L
- Inhaled Minute Volume: 0 to 99L
- Actual Breath Rate: 0 to 99 b/min
- Peak Inspiratory Flow: 1 to 120 L/min
- FiO₂: 21% to 100%
- I:E Ratio: 1.99 to 3.1
- Battery Level: 100% to 0%, Low, Empty

### Special Functions
- Buzzer Level: LOW/HIGH
- Keypad Buttons: Keypad buttons with audible indicator
- Power Save: ON/OFF/NIGHT
- Languages: English, French, German, Greek, Hungarian, Italian, Polish, Portuguese, Russian, Spanish, Turkish
- Quick Start: 5 preset ventilation modes

### Size and Weight
- Dimensions (WxLxH): 29 x 28 x 25 cm / 11.4” x 11.0” x 9.8”
- Weight: 6.3 Kg / 13.9 lbs
- O₂ Mixer (optional): Internal integral, electronically controlled
- High Pressure: 35 to 90 psi O₂ (0-100%)
- Low Flow Port: 0 to 15 L/min O₂ (0-70%)
- Low Flow Blending Bag: 0 to 15 L/min O₂ (0-100%)

### Communications
- USB x2: Download Logs, SW Upgrade
- RS232 x2: Remote Alarm and Monitoring

### Environmental
- Operation Temperature: -18°C to 50°C / -0.4°F to 122°F
- Storage Temperature: -20°C to 71°C / -4.0°F to 160°F
- Relative Humidity: 15% to 95% at 31°C / 88°F
- Operation Altitude: 110 kPa to 70 kPa
- Water/Dust Resistance: IP34 (splash proof)

### Standards
- IEC 60601-1, IEC 60601-1-2, IEC 60601-2-12, ASTM 1246F, ISO 10651-2/3, RTCA DO-160 F