

FLIGHT MEDICAL INNOVATIONS LTD.

FLIGHT 60

STATE OF THE ART PORTABLE VENTILATION

Wide range of applications, complete autonomy, user friendly

Flight 60 is a reliable, light weight transport ventilator suited for a broad range of applications - home care, long term and hospital care, as well as transport and emergency applications.

Combining Flight's proprietary, well proven, compressor technology and increased capacity of two Li-Ion batteries, allow for up to 12 hours of complete independent operation. Battery hot swap provides for practically unlimited autonomy.

An intuitive touch screen user interface allows for quick and easy access to all commonly used modes, as well as to more advanced options. Extensive alarms set position the F60 at the highest safety level.

Special design focusing on:

- Reliability
- Ease of use
- Safety and robustness
- Wide patient range
- Built-in autonomy
- Lightness
- Advanced communication



PARAMETER SETTINGS

Modes: ACMV, SIMV, SPONT

Mandatory breath modes: Pressure control, Volume control

Tidal Volume: 100 ml to 2.2L

Ti Range: 0.1 to 3 seconds, steps of 0.1

Trigger: Pressure trigger 0 to -9.9, steps of 0.1

Rate: 1 – 99 bpm, steps of 1

Pressure control: 5 – 60 cmH₂O, steps of 1.0

Pressure support: 0 – 60 cmH₂O above PEEP (up to 60 cmH₂O including PEEP)

PEEP: 0 – 30 cmH₂O, steps of 1.0

O₂: 21% – 100%, steps of 10%

Flow: 6 lpm – 100 lpm

PSV Ti: 0.1 – 3 seconds, steps of 0.1

Slope: 1 – 5 positions

Expiratory Threshold: 10 – 70% of peak flow

Flow Waveform: Square / Descending

Controlled Parameter in VCV: Flow / Ti

VENTILATION RELATED ALARMS

Low Pressure, High Pressure, Low Minute Volume, High Minute Volume, Apnea, Backup ventilation

INDICATOR LEDS

- Pressure Gauge
- High Pressure
- Low Pressure
- Apnea
- Low Minute Volume
- High Minute Volume
- Backup Ventilation
- Battery Low, Battery Power,
- External Power
- Fault

MONITORED PARAMETERS

- Peak inspiratory pressure
- Base pressure
- Mean pressure
- Minute Volume
- Actual breath rate
- Tidal Volume (Inspiratory)
- Expiratory Minute Volume
- I:E Ratio
- Peak Flow / Ti
- FiO₂

COMMUNICATION PORTS

- USB x2
- LAN RJ45
- RS232 x2
- RS485

POWER AND BATTERY

AC Power inlet: 100 – 240 VAC, 50-60Hz

DC Power Inlet: 12 – 30 VDC

Internal Batteries: Up to 12 hours

Charging time: Up to 3 hours from fully depleted to fully charged

SETUP SAVING

Five preset setups
Last setting saved

INTERNAL LOGS

Alarms and Cautions
Setting changes
Special events

FRONT PANEL CONTROLS

- 7" TFT color display touch screen
- On/Off button with LED indicator
- Silence button with LED indicator
- Panel lock button with LED indicator
- Manual Breath
- Up/Down arrows with Enter/Cancel

OPERATING CONDITIONS

Temperature: -18°C – 50°C

Humidity: 15% - 95% RH non condensing

Storage: -20°C – 70°C

15% – 95% RH non condensing

Splash proof - IP34

STANDARDS

IEC 60601-1

IEC 60601-1-2

IEC 60601-2-12

ISO 10651-2/3

ASTM 1246F

PHYSICAL Dimensions:

29cm W x 28cm D x 25cm H

Weight: 6.3 Kg