



Hospital

Flight 60®

Your Partner in Ventilation

Remarkable performance and features in a portable and intuitive package. The Flight 60 ventilator is designed to address the needs of a wide range of patients, improving patients' comfort & independence.

Full Ventilation Package

- Advanced Ventilation Modes
 - Pressure and Volume
 - Volume Guarantee mode
 - Bi-Level
 - Invasive & non invasive
- Nebulizer Port - Synchronized & Volume Compensated
- Pediatric to Adult - 30ml - 2.2liter
- Waveforms and Loops Display

Safe, Intuitive and Mobile

- Extensive Alarm System
- Exhaled volume monitoring
- Oxygen Sensor - Built in
- Simple to use with 7" Color Touch Screen
- Light weight & portable
- High pressure and low flow O₂ Ports
- Fully independent internal compressor



FLIGHT 60

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Technical Specifications

Modes	
	ACMV
	SIMV
	SPONT (CPAP, BPAP)
	Volume Guarantee (VG)
	Bi-Lev (APRV)
CONTROLS	
Breath Types	Pressure Control Pressure Support Volume Control
NPPV	ON/OFF (leak compensation up to 30 LPM)
VG Mode	VtG (Tidal Volume Guarantee) MVG (Minute Volume Guarantee)
SIGH	ON/OFF
Synchronized Nebulizer	ON/OFF
Nebulizer Period	OFF, 5 to 60 min
2min 100% O ₂ Function	ON/OFF
Tidal Volume	30 to 2,200 ml
Breath Rate	1 to 99 b/min
Inspiration Time	0.1 to 3.0 sec
Flow	2 to 100 L/min
Pressure Control	5 to 60 cmH ₂ O
Pressure Support	0 to 60 cmH ₂ O
PEEP/CPAP	0 to 30 cmH ₂ O
Pressure Trigger	-9.9 to -0.1 cmH ₂ O
Flow Trigger	1 to 20 LPM
Rise Profile	5 levels
PSV Ti	0.1 to 3 sec
PSV Flow Termination	10% to 70%
Volum Control	Ti/Flow
Flow Waveform	Square / Descending
FiO ₂	21% to 100%
FiO ₂ Sensor	ON, OFF, Calibrate
Manual Breath	0 to 3 sec
Panel Lock	ON/OFF
VG Mode Controls	
Target VtG	100 to 2,200 ml
PSV min	5 to 60 cmH ₂ O
PSV max	5 to 60 cmH ₂ O
Bi-Lev Controls	
P High	3 to 60 cmH ₂ O
P Low	0 to 30 cmH ₂ O
T High	1 to 15 sec
T Low	0.5 to 5 sec
Inverse I:E	30:1
ALARMS (variable)	
Alarms Prioritization	3 Levels – Cautions, Medium, High
Low Minute Volume	0.0 to 50 L/min
Low Pressure	OFF, 1 to 98 cmH ₂ O
High Pressure	4 to 99 cmH ₂ O
High Minute Volume	0.1 to 50 L/min
High FiO ₂	31% to 99%, OFF O ₂
Low FiO ₂	OFF, 22% to 90% O ₂
High Rate	OFF, 1 to 99 bpm
Low Rate	OFF, 1 to 99 bpm
Low Vte	OFF, 10 to 2,200ml
Low Vti	OFF, 10 to 2,200ml
Apnea/Back-Up Ventilation	10-60 sec

ALARMS (automatic)	
	Check Circuit (Circuit Disconnect), Low/Empty Battery, O ₂ Supply Failed, Check O ₂ Sensor
MONITORED PARAMETERS	
Waveforms	Pressure, Flow, Volume
Loops	Pressure/Volume & Flow/Volume
Airway Pressure LED Gauge	-10 to 120 cmH ₂ O
Peak Inspiratory Pressure	0 to 120 cmH ₂ O
Base Pressure	0 to 99 cmH ₂ O
Mean Pressure	0 to 99 cmH ₂ O
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
FiO ₂	21% to 100%
I:E Ratio	1:99 to 3:1
Battery Level	100% to 0%, Low, Empty
TECHNICAL SETTINGS	
Buzzer Level	LOW/HIGH
Keypad Buttons	Keypad buttons with audible indicator
Power Save	ON/OFF
Languages	English, Turkish, Portuguese, Spanish, Polish, Russian, Italian, German, Hungarian, Greek
SIZE AND WEIGHT	
Width / Depth / Height	29cm / 28cm / 25cm
Weight	6.9 Kg / 15.2 lbs
OXYGEN	
O ₂ Mixer	Internal integral, Electronically Controlled
High Pressure	35 to 90 psi O ₂ (0-100%)
Low Flow Port	0 to 15 L/min O ₂ (0-70%)
Low Flow Blending Bag	0 to 15 L/min O ₂ (0-100%)
POWER SUPPLY	
AC Power inlet	100 to 240 VAC, 50-60Hz
DC Power Inlet	12 to 15 VDC
Internal Batteries	Hot Swappable 12 h Operation
Charging time	Up to 3 h
COMMUNICATIONS	
USB x2	Download Logs, SW Upgrade
LAN RJ45	Networking
RS232 x2	Remote Alarm and Monitoring
RS485	Communication
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