

Flight Medical presents the F60

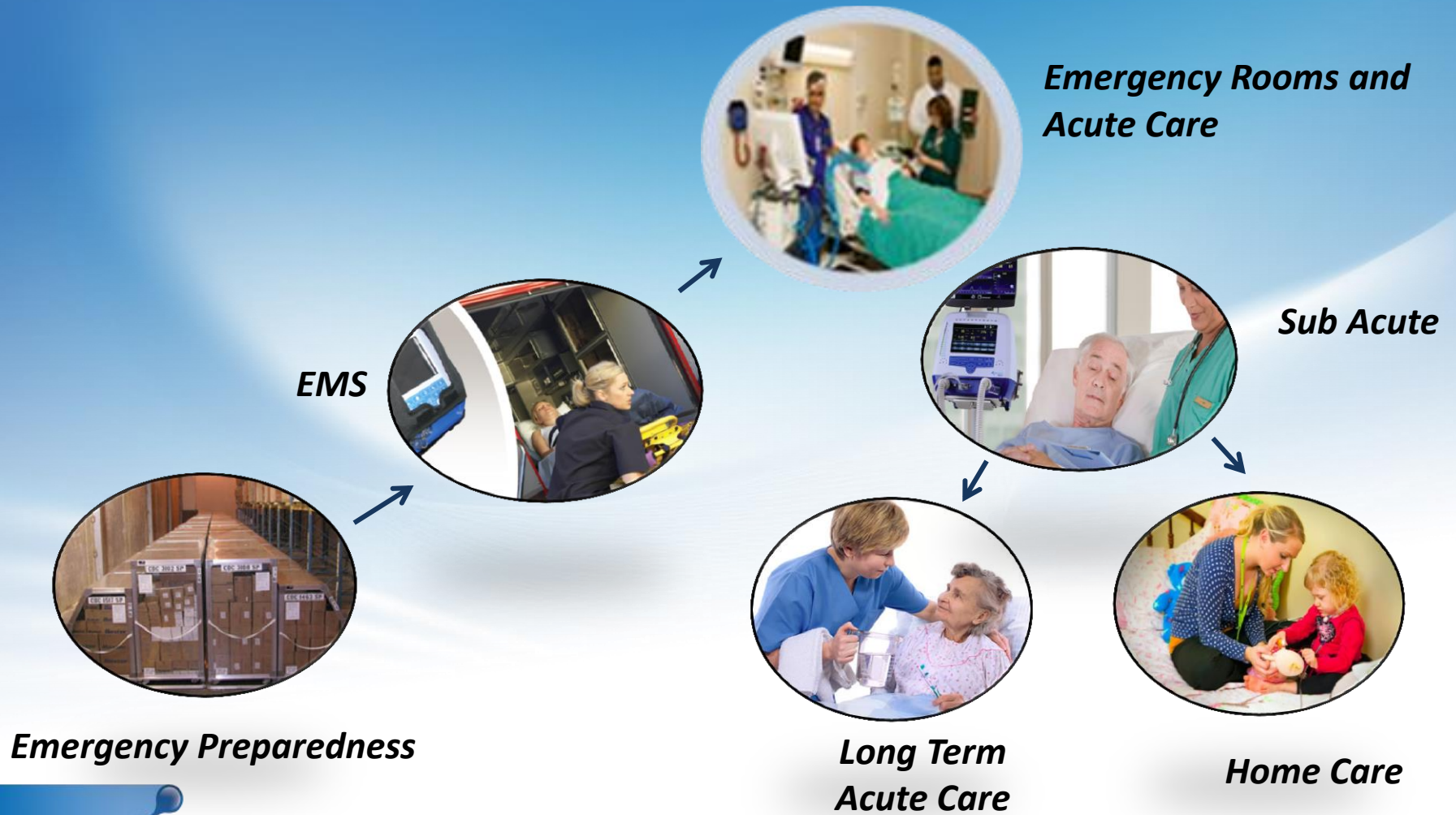
Reliable Ventilation Across the Spectrum of Care

- ❖ Adult & Pediatric
- ❖ Pressure/Volume Control
- ❖ Basic/Advanced Modes
- ❖ Invasive/NIV
- ❖ High Pressure/Low Flow O₂
- ❖ Up to 12 hours batteries
- ❖ Curve & Loops
- ❖ 5 preset settings



Continuity of Care

One ventilator meets all the needs



One Vent meets all the needs

F60 in Emergency Rooms



- ❖ 5 preset settings for quick start
- ❖ ICU parameters
- ❖ Same circuit from NIV to Invasive
- ❖ Internal mixer
- ❖ Intra-Hospital Transport
- ❖ Light weight



One Vent meets all the needs

F60 in Intensive Care Unit



- ❖ Same ventilation modes as high-end ventilators
- ❖ Internal O2 mixer
- ❖ Extensive alarms system
- ❖ Flow & Pressure Triggers
- ❖ 100% O2 preset
- ❖ Customizable apnea ventilation
- ❖ 72 hours of Trends
- ❖ Curves & Loops
- ❖ Intra-Hospital Transport



One Vent meets all the needs

F60 in LTAC Facilities: higher acute patients eligible



- ❖ Acute Care / ICU/ Transportable
- ❖ Independent Ventilator
- ❖ Up to twelve hours of internal battery life
- ❖ Lightweight, in use transport bag for wheelchair
- ❖ High pressure/ low flow O2
- ❖ O2 delivered in inspiratory phase only
- ❖ Weaning modes
- ❖ Ability to monitor data with graphs, loops, and trends
- ❖ Compatible with Trach speaking valve
- ❖ Splash proof for showers



One Vent meets all the needs

F60 in Homecare



- ❖ Adults & Infants
- ❖ Dual/Single Limb
- ❖ ICU modes at home: ACMV / SIMV /APRV and Spontaneous + B-Lev
- ❖ Up to 12 hours of autonomy
- ❖ Connects to O2 tank and concentrator
- ❖ 60 lpm leak compensation
- ❖ Vt up to 220 liters
- ❖ Integrated nebulizer
- ❖ Lockable screen



One Vent meets all the needs

F60 in EMS: Portable Acute Care Ventilator



- ❖ ICU modes
- ❖ Invasive / NIV
- ❖ Compact and lightweight
- ❖ Any power source (DC/AC)
- ❖ 12 hours of internal battery life + hot swappable batteries
- ❖ In use transport bag
- ❖ In flight certification
- ❖ 5 preset modes
- ❖ 7" color touch screen
- ❖ Splash Proof (IP34)



One Vent meets all the needs

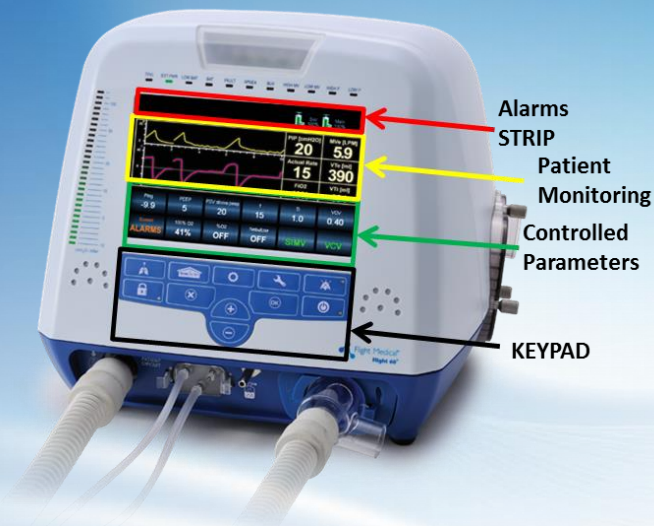
Emergency Preparedness and Mass Casualty

- ❖ The F60 brings IC ventilation capabilities into the field
- ❖ Compact & Lightweight
- ❖ Adult/Pediatric
- ❖ Invasive & NIV, mouthpiece capable
- ❖ 12 hours of internal battery life + hot swappable batteries. Any power source (DC/AC)
- ❖ Ease of Use for medical professionals and general caregivers
- ❖ 5 preset modes for quick start
- ❖ Large color touch screen
- ❖ Splash Proof (IP34) for showers and outside use in rain



One Vent meets all the needs

Ease of Operation



- ❖ 7" color touch screen
- ❖ Intuitive user interface
- ❖ Curves & Loops
- ❖ Adjustable alarms
- ❖ All parameters and alarms displayed on one screen
- ❖ Customizable configurations
- ❖ 15 languages



Flight 60 Tech Specs

Intended Use

Ventilator designed to provide Invasive and Non-Invasive ventilation for the critical care management of adult and pediatric patients greater than 5 kg

Modes of Ventilation

- Spont (CPAP/BiPAP/BiPAP ST/PSV)
- ACMV (Pressure control/Volume control/PRVC)
- SIMV (Pressure control/Volume control/PRVC)
- B-Lev (Bi-Level, APRV, Bi-Phasic, Duo-PAP)
- Volume Guarantee VtG & MVG (VG PS/ AVAPS)
- NIV with leak compensation up to 60 lpm (F60 T)

Operating Environment

- Temperature -18 °C to 50 °C / -0.4 °F to 122 °F
- Humidity 15% to 95% at 31 °C/88 °F
- Altitude: 70kPa to 110kPa
- Storage T° -20 °C to 71 °C / -4 °F to 160 °F
- Water/Dust Resistance IP34 (Splash Proof)

Dimensions

- Width 29 cm /11.4"
- Height 25 cm /9.8"
- Depth 28 cm/11.0"

Weight (including batteries)

- Turbine 5.5 kg / 6 kg with integrated mixer
- Piston 6.3 / 6.9 kg with integrated mixer

User Interface

- 7" easy to use color LCD touchscreen
- Languages: English, German, French, Italian, Spanish, Portuguese, Russian, Polish, Hungarian, Greek, Turkish, Japanese, Chinese
- Buzzer Level: Low/High
- 5 preset customizable settings
- Lockable keypad buttons

Power Sources

- AC 100 to 240V, 50-60Hz
- DC 12 to 15V
- Hot swappable 8 to 12 hours lithium-ion batteries
- Power Save On/Off/Night

Controls

- Flow F60T: 2 to 220 lpm; F60: 2 to 100 lpm
- Tidal Volume 30 to 2,200 ml
- Breath Rate 1 to 99 bpm
- Manual Breath 0 to 3 sec
- Pressure Control 5 to 80 cmH₂O
- Volume Control Time/Flow
- Pressure Support 0 to 60 cmH₂O
- PSV flow termination 10% to 90%
- PEEP/CPAP 0 to 40 cmH₂O
- Pressure Trigger -20 to -0.1 cmH₂O
- Flow Trigger 1 to 20 lpm
- Rise Profile 5 levels
- Inspiratory Time (Ti) 0.1 to 3 sec
- FiO₂ 21% to 100%
- 2 min 100%O₂ delivery
- Sigh On/Off
- Synchronized nebulizer 5 to 60 min
- Hold Breath 1 to 6 sec (F60 only)
- Maneuvers Inspiratory/Expiratory hold (F60 only)
- Altitude compensation Off, 500 to 4,500 m
- Automatic Purge circuit 60 to 300 sec
- Customizable Apnea Ventilation

B-Lev Controls (APRV)

- T high (Inspiratory Time) 1 to 15 sec
- T low (Expiratory Time) 0.5 to 5 sec
- P high (Inspiratory Pressure) 3 to 60 cmH₂O
- P low (Expiratory Pressure) 0 to 40 cmH₂O
- Inverse I:E 30:1

Alarms

- Alarm prioritization 3 levels - Caution/Medium/High
- Apnea 10 to 60 sec
- Battery Low/Empty/Disconnection
- Low/High Minute Volume
- Low/High Pressure
- Low/High FiO₂

- Low Vti/Vte
- Check patient circuit
- O₂ sensor defective
- O₂ supply failed
- Low/High Breath Rate

Monitors

- Airway pressure LED Gauge -10 to 120 cmH₂O
- Peak Inspiratory Pressure (PIP) 0 to 120 cmH₂O
- Exhaled / Inhaled Tidal Volume 0 to 10 L
- Inhaled / Exhaled Minute Volume 0 to 99 lpm
- Base / Mean Pressure 0 to 99 cmH₂O
- Actual breath rate 0 to 99 bpm
- FiO₂ 21% to 100%
- I:E Ratio 1:99 to 3:1
- RSBI 0 to 200
- Waveforms Pressure, Flow, Volume
- Loops Pressure vs Volume, Flow vs Volume
- Trends Breath rate, PIP, Vte (up to 72 hours)
- Lung mechanics: Static & Dynamic compliance - Resistance, P Plateau, Auto PEEP (F60 only)

Oxygen

- Optional O₂ mixer internal electronically controlled
- High Pressure/Low Flow Port 35 to 90 psi / 0 to 15lpm
- Compatible with oxygen tanks and concentrator

Communication

- 2 USB ports Download logs, SW upgrade
- 2 external RS232 connectors: Remote Alarm and Monitoring
- RJ 45 connector

Standards

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





Thank you



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