The Trilogy 202 is both a volume-control and pressure-control ventilator for invasive and noninvasive ventilation. The versatile breath delivery and setup options free you from burdensome equipment exchanges, providing greater continuity of care for your patients. Because the Trilogy 202 has the unique ability to compensate for leaks in both pressure and volume control modes, using simpler passive circuits may support significant time and cost savings. With one simple setting change, the Trilogy 202 supports either active or passive exhalation breathing circuits to accommodate changes in circuit preference.

Features

• Compact design with long-life internal battery for intra-hospital transport.
• Supports active and passive circuits for invasive and noninvasive ventilation.
• Innovative leak compensated volume control ventilation.
## Specifications

### Controls

- **CPAP**: 4 - 20 cmH2O (passive leak port circuits) cm H2O
- **IPAP**: 50 cm H2O
- **EPAP/PEEP (a)**: 0 - 25 cmH2O (active valve circuits) cm H2O
- **EPAP/PEEP (b)**: 4 - 25 cmH2O (passive leak port circuits) cm H2O
- **Pressure support**: 0 – 30 cmH2O cm H2O
- **Tidal volume**: 50 - 2000 ml
- **Breath rate(a)**: 0 - 60 BPM (AC mode) beats per minute
- **Breath rate(b)**: 1 - 60 BPM (all other modes) beats per minute
- **Inspiratory time**: 0.3 - 5.0 s
- **Rise time**: 1 - 6 (relative scale)
- **Ramp start pressure (a)**: 0 - 25 cmH2O (active circuits) cm H2O
- **Ramp start pressure (b)**: 4 - 25 cmH2O (passive circuits) cm H2O
- **Ramp start pressure (c)**: 4 - 19 cmH2O (CPAP mode) cm H2O
- **Ramp time Off**: 5 - 45 min
- **C-Flex Off**: 1 - 3 (relative scale)
- **Flow trigger sensitivity**: 1 - 9 l/min
- **Flow cycle sensitivity**: 10 - 90 %

### Environmental

- **Operating temperature**: 5 – 40 ºC
- **Relative humidity**: 15 - 95 %
- **Storage temperature**: -20 – 60 ºC
- **Atmospheric pressure**: 60 - 110 kPa (450 - 825 mmHg)

### Electrical

- **Input voltage**: 100 - 240 VAC and 50/60 Hz and 2.1 A
- **Detachable battery voltage**: 14.4 VDC
- **Internal battery life**: 3 hours under normal conditions hr
- **Detachable battery life**: 3 hours under normal conditions hr
- **external battery connection**: 12 VDC

### Volume Modes

- **MPV Mouthpiece Ventilation Mode**: Yes
- **Pressure control (PC)**: Yes
- **Synchronized intermittent mandatory ventilation (SIMV)**: Yes
- **SIMV with pressure support (SIMV w/PS)**: Yes
- **Control ventilation (CV)**: Yes

### Alarms

- **Low tidal volume Off**: 50 - 2000 ml
- **Circuit disconnect Off**: 10 - 60 sec
- **Apnea Off**: 10 - 60 s and 4 - 60 BPM
- **High tidal volume Off**: 50 - 2000 ml
- **High minute ventilation Off**: 1 - 99 l/min Off, 1 - 99 l/min
## Specifications

### Alarms (continued)
- Low minute ventilation Off: 1 - 99 l/min
- High respiratory rate Off: 4 - 80 beats per minute
- Low respiratory rate Off: 4 - 80 beats per minute

### Pressure Modes
- Pressure control (PC): Yes
- Pressure control-SIMV (PC-SIMV): Yes
- Spontaneous ventilation (S): Yes
- Spontaneous ventilation with timed back-up (S/T): Yes
- Timed ventilation (T): Yes

### Options
- Detachable back-up battery: Offering up to 3 hours additional operating time
- Hospital roll stand: Provides convenient accessory basket and humidifier mount
- DirectView: 1 GB SD card data storage integrated into the ventilator software

### Monitored Parameters
- Tidal volume: 0 - 2000 ml
- Minute ventilation: 0 - 99 l/min
- Estimated leak rate: 0 - 200 l/min
- Respiratory rate: 0 - 80 beats per minute
- Peak inspiratory flow: 0 - 200 l/min
- Peak inspiratory pressure: 0 - 99 cm H2O
- Mean airway pressure: 0 - 99 cm H2O
- % patient triggered breaths: 0 - 100 %
- I:E ratio: 9.9:1 - 1:9.9

### Synchrony Features
- Auto-Trak sensitivity: Auto-Trak sensitivity Auto-adaptive triggering, cycling, and leak compensation (available in all modes, passive circuit only)
- Adjustable flow triggering: 1 – 9 l/min (available in all modes and circuit types) l/min

### Circuit Types
- Active exhalation valve with proximal airway pressure (PAP): Yes
- Active exhalation valve with flow sensor: Yes
- Passive exhalation port: Yes