



The **Flow-i C 30** is an advanced ICU Ventilator and anesthesia machine that can deliver both in one unit. The Anesthesia machine can continuously adapt and improve the care of the patient to match the situation at hand and maintain a continuously stable respiratory rate. The Maquet Flow-i can be used across a variety of patients from acute respiratory demands to pediatric patients.

The Flow-i C 30 comes with features including various options for storage and a standard rotatable arm for flexible screen positioning. The Screen is tilt-able to allow for maximized screen visibility. The anesthesia machine also comes with vertical and horizontal rails for auxiliary equipment to be added.

FLOW-i is an anesthesia machine incorporating ventilation technology based on the highly regarded Maquet SERVO platform. It has a re-breathing device called the MAQUET VOLUME REFLECTOR® which replaces traditional breathing circuits and provides additional security for the patient.

Features

- Set tidal volume is accurately delivered in spite of high abdominal and thoracic pressure, helping to avoid hypoventilation.
- Fast rise time and high flow rates adapt to varying inspiratory demand in the presence of increasing airway pressure.
- Sensitive triggering improves synchrony in pediatric patients and those with decreased respiratory drive.
- Controlled pressure drop during expiration decreases expiratory resistance and work of breathing, in addition to minimizing auto PEEP at higher respiratory rates.
- Maintains consistent and accurate PEEP levels



Specifications

General

Base system weight (depending on configuration): Approx. 155 kg Approx.
 Dimensions of base plate: 692 x 985 mm
 Height (1 drawer): 835 - 1025mm (adjustable)
 Height (2 drawers): N/A
 Height (3 drawers): N/A
 Drawers: 1 (lockable)
 Vertical shafts for optional horizontal rails: 4
 Wheels: Four wheels (diameter 150 mm) with separate brakes
 Working surface/writing table Approx.: 420 x 600 mm
 Additional writing table: 397 mm x 250 mm
 Reading lamp: Adjustable LED light integrated into the display arm

Display

Type LCD touch screen, complete with 11 membrane switches and one rotary knob
 Size 432 mm x 295 mm
 Placement Attached to display arm
 Viewing area 15", 1024x768 pixels with a palette of 512 colors
 Waveforms Up to 6 waveforms, user configurable
 Trends Graphic display, 1 to 24 hour resolution
 Numeric display, 1 to 60 minute resolution

Environment

Ambient temperature (operating Conditions): +15°C to +35°C (+60°F to +95°F)
 Ambient temperature (Desflurane): +15°C to +30°C, +60°F to +85°F
 Ambient temperature (Non-operating Conditions): -25°C to +60°C (-15°F to +140°F)
 Battery (operating Conditions): +15° C to +35°C (+60°F to +95°F)
 Battery (Non-operating Conditions): +5°C to 40°C (40°F to 104°F)
 Relative humidity (non-condensing) (operating Conditions): 15% to 95%
 Relative humidity (non-condensing) (Non-operating Conditions): < 95%
 Atmospheric pressure (operating Conditions): 700 hPa – 1060 hPa
 Atmospheric pressure (Non-operating Conditions): 470 hPa - 1060 hPa

