



The **Maquet Servo-N** is a neonatal ventilator. The Servo-N System helps provide ventilation support to the neonate while protecting the lungs, brain and other developing organs of the baby. offering both invasive and non-invasive ventilation with a variety of different modes, along with monitoring and diagnostic feature can improve the quality of breathing for the baby, allowing it to rest and grow. through the Servo- N you can monitor the Newborn's respiratory rate, small tidal volumes, irregular breathing patterns and short inspiratory times.

Features

- Intuitive setup, monitoring, and operation.
- Monitors the electrical activity of the diaphragm (Edi).
- Neurally Adjusted Ventilatory Assist (NAVA), a ventilation mode with the ability to match support to the irregular breathing patterns of neonates.
- Compensates for variable leakage in both invasive and non-invasive modes of ventilation.
- The ability to deliver tidal volumes as low as 2ml in patients as small as 0.6 lbs (0.3kg)



Specifications

Dimensions (Without Cart)

Height (Includes user interface): 32.5 in (82.6 cm)

Width: 14.4 in (36.8 cm)

Depth: 8.1 in (20.5 cm)

Weight (Without Cart)

Approx. 50 lb 11 oz (23 kg)

Patient unit 33 lb 1 oz (15 kg)

User interface 8 lb 13 oz (4 kg)

Handle 7 lb (3 kg)

Cable holder and cable 2 lb 3 oz (1 kg)

Dimensions (With Cart)

Height (Includes user interface): 53.8 in (136.8 cm)

Width (Includes Wheels): 25.4 in (64.7 cm)

Depth (Includes Wheels): 21.5 in (54.7 cm)

General

Patient range:

Neonatal: 10.6 oz to 17 lb 10 oz (0.3 to 8 kg)

Pediatric: 6 lb 10 oz to 66 lb 2 oz (3 to 30 kg)

Bias Flow: 0.5 l/min

Internal Compressible Factor: Max. 0.2 ml/cmH₂O

Gas Delivery System: Microprocessor controlled valves

Maximum Airway Pressure: 125 cmH₂O

Method of Triggering: Flow, pressure and Edi (with Edi module and Edi catheter)

Inspiratory Flow Range: 0 to 33 l/min

Pressure drop:

Max. 6 cmH₂O at a flow of 60 l/s (insp. channel)

Max. 3 cmH₂O at a flow of 60 l/s (exp. channel)

PEEP Regulation: Microprocessor controlled valve

Rise Time, Expiratory Flow Measurement: <12 ms for 10% to 90% response at flow of 3 to 192 l/min

Expiratory Flow Range: 0 to 192 l/min

User Interface

Type TFT-LCD touchscreen

Size 14.4 x 11.8 in (36.6 x 30 cm)

Viewing area 15 in XGA, 1024 x 768 pixels with a 24-bit color palette

Weight Approximately 8 lb 13 oz (4 kg)

