



The **Maquet SERVO-U** is the next step forward in making protective ventilation more accessible, understandable and easy to implement. It is designed to enhance user confidence in tailoring treatments to the individual patient condition. Which means more patients in all phases of ventilation – controlled, supported, non-invasive and during spontaneous breathing trials – can benefit from advanced lung protective strategies.

Features

- Tools to support protective ventilation strategies.
- Context-based guidance, therapeutic workflows and intuitive user interaction for all functions.
- Upgradeable platform to meet future needs.
- Automatic Calculation of VT/PBW
- On Screen Tutorials
- Ergonomic Design
- Interchangeable Product Modules



Specifications

Dimensions (Without Cart)

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

Width: 14.5 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): 53.9 in (136.8 cm)

Width (Includes Wheels): 25.5 In (64.7 cm)

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

Weight (With Cart)

Approximately 77 lb 3 oz (35 kg)

Base system approx. 50 lb 11 oz (23 kg)

Mobile cart 27 lb 9 oz (12.5 kg)

General

Patient range:

Neonatal: 11 oz to 17 lb 10 oz (0.3 to 8 kg)

Standard Configuration: 7 lb to 551 lb 2 oz (3 to 250 kg)

Bias Flow

Adult: 2 l/min

Pediatric and Neonatal: 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:

Adult: 0 to 200 l/min

Pediatric and Neonatal: 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

