



Certified Refurbished

Advanced and easy to use, the Servo 900 C is designed for treating infant, pediatric and adult patients.

The Servo 900 C features built-in electronic PEEP and comes standard with eight different ventilation modes. It can be used in intensive care, anesthesia, and transport situations.



Available refurbished from DRE with a variety of options, including a humidifier, support arm, blender, circuit and cart.

Technical Specifications

Control Ranges

Working Pressure

Up to 120cm H₂O

Modes

Volume controlled, volume control with sight, pressure controlled, pressure support, synchronized intermittent mandatory ventilation (SIMV), SIMV+ pressure support, continuous positive airway pressure, manual ventilation

Present inspiratory minute volume

0.5 - 40 l/min., with sufficient working pressure

Flow Pattern

Constant, accelerating or decelerating

Respiratory Rate

5-120 breaths/min.

Inspiratory Time

20-80% of respiratory cycle

Pause Time

0-30% of respiratory cycle

PEEP

0-50 cm H₂O

Upper Limit

15-120 cm H₂O

Trig Sensitivity

-20-0 cm H₂O (below PEEP)

SIMV Rate

High rate (4-40 SIMV breaths/min.), low rate (0.4-4 SIMV breaths/min.)

Sight

Double tidal volume possible every 100 breaths

Compressed Volume

0.075 l (internal)

Alarms and Indicators

Push Button

Audible signals, muted for 2 min. maximum

Alarms

Gas supply alarm, apnea alarm, expired minute volume, O₂ concentration, upper pressure limit, power failure

Indicators

Set minute volume alarm, set O₂ alarm, set O₂ alarm, pressure support, CPAP, MAN SIMV high/low rate, expired minute volume infants, patient trig

Monitoring

Analog Presentation

-Airway Pressure: -20 - 120 cm H₂O

-Expired Minute Vol.: Adults 0-40 l/min., infants 0-4 l/min.

Digital Presentations

-Respiratory Rate: 5-120 breaths/min.

-O₂ Concentration: In % by volume, 20-100%

-Inspired Tidal Volume: 0-1999 ml.

-Expired Tidal Volume: 0-1999ml.

-Expired Minute Volume: Adults 0-40 l/min., infants 0-4 l/min.

-Peak Pressure: 0-120cm H₂O

-Pause Pressure: 0-120cm H₂O

-Mean Airway Pressure: 0-120CM H₂O

Gas and Power Supply

Must fulfill specifications for medical gases.**Gas Consumption**

Approximately equal to preset inspiratory minute volume or equal to flow meter setting

Gas Supply via High Pressure Inlet

From central gas supply, compressor or gas cylinder

Electronic Gas Supply Unit, Inlet Pressure

2.5-5 bar (250-500 kPa; 35-70 psi)

Other Gas Supply Inlet Pressure

2.5-7 bar (250-700 kPa; 35-100 psi)

Gas Supply via Low Pressure Inlet

Vial flowmeters

Power Supply

(100), 110, 120, 220, 240, 50 OR 60 Hz

Power Consumption

Approximately 40 W

Physical

Dimensions

50 cm x 23 cm x 32 cm

Weight

19 kg (42 lbs) - without accessories

Special Functions

Inspiratory pause hold, expiratory pause hold gas exchange.



◀ Available with an optional cart for easy portability