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.
Siemens Servo 900 C
Respiratory Ventilator

Technical Specifications

Control Ranges

Working Pressure
Up to 120 cm H2O

Modes
Volume controlled, volume control with sigh, 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 1/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 1 (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 1/min., infants 0-4 1/min.

Digital Presentations
– Respiratory Rate: 5-120 breaths/min.
– O2 Concentration: In % by volume, 20-100%
– Expired Minute Volume: Adults 0-40 1/min., infants 0-4 1/min.
– Peak Pressure: 0-120 cm H2O
– Pause Pressure: 0-120 cm H2O
– Mean Airway Pressure: 0-120 CM 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.