



We Serve, You Cure

AMS Solutions Inc.



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Solutions Inc.

Your Respiratory Partner

SIEMENS SERVO VENTILATOR 900C



The unique ventilator designed for intensive care, anesthesia and patient transportation, for infants through adults. The Servo Ventilator 900C is an advanced electronic ventilator capable of treating the neonate as well as the adult patient. With the Servo Ventilator 900C, the patient can be treated according to eight different ventilation modes. The Servo Ventilator 900C can be used in intensive care, anesthesia and transportation.

Technical Specifications

General

Dimensions W 50 X D 23 X H 23 cm (basic dimensions)
Weight Approximately 19 Kg (42 lb)
Insp. flow pattern Constant or accelerating.
 Decelerating in Pressure Controlled Ventilation
 Compressible 0.075 l (internal) volume

Ventilation controls, control ranges

Working pressure Up to 120 cm H2O dimensions)
Modes VOL.CONTR (Volume Controlled)
 VOL. CONTR + SIGH (Volume Controlled with sigh)
 CONTR.(Pressurecontrolled)
 PRESS.SUPPORT (Pressure Support)
 SIMV (Synchronized Intermittent Mandatory Ventilation)
 SIMV +PRESS. SUPORT
 CPAP (Continuous Positive Airway Pressure)
 MAN (Manual ventilation: auxillary equipment necessary)

Preset inspiratory 0.5-40 l/in. With sufficient working minute volume pressure

Respiratory rate 5-120 breaths/min
Inspiratory time 20, 25, 33, 50, 67 or 80 % of the respiratory cycle
Pause time 0, 5, 10, 20 or 30 % of the respiratory cycle

PEEP 0-50 cm H2O
Upper Pressure 15-120 cm H2O limit
Trig Sensitivity -20-0 cm H2O (below PEEP)
SIMV-rate HIGH RATE (4-40 SIMV breaths/min)
 LOW RATE (0.4-40SIMV breaths/min)
Sigh Doubled tidal volume possible every

Monitoring:Analog presentation

Airway pressure Range -20-120 cm H2O
Expired minute ADULTS range 0-40 l/min

Digital presentation

Respiratory rate Range 5-120 breaths/min
O2 concentration In % by volume: range 20-100%
Inspired tidal Range 0-1999 ml
Expired tidal Range 0-1999 ml
Expired minute ADULTS range 0-40 l/min
Volume INFANTS range 0-40 l/min
Peak pressure Range 0-120 cm H2O
Pause pressure Range 0-120 cm H2O
Mean airway pressure Range 0-120 cm H2O

Alarms and indicators

Push button Audible signals, muted for 2 minutes (max)
Expired minute ADULTS range 0-40 l/min
Alarms Gas supply failure Apnea
Indicators Set minute volume alarm
 Set O2 alarm, Pressure support CPAP,MAN.

Gas and power supply

Gas Must fulfill specifications for medical gases
Gas consumption Approximately equal to inspiratory minute volume or equal to flowmeter 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 unit, inlet pressure 2.5-7 bar (250-700 kPa; 35-100 psi)
Power Supply 220-240 V 50 or 60 Hz
Power Consumption Approximately 40 W

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