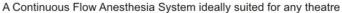
SIGNET 515



Anesthesia Delivery System

The BREATH of LIFE





^{*} Picture is an illustration. Refer Standard features for actual configuration



SIGNET 515

Anesthesia Delivery System

The BREATH of LIFE

Anesthesia System's Salient Features

- Complete integration of Anesthesia system built-in ventilator and CO₂ Absorber system
- · Stainless Steel, Aluminum frame body & drawer storage unit with work tray
- · Colour coded ring indexed pipeline connections
- Pin indexed yoke for one O₂ & one N₂O cylinder
- Anti Hypoxic Device with lever mechanism to prevent flows of less than 21% of Oxygen & 1:3 ratio conformity
- Four tube Rotameter for O₂ & N₂O
- Single Selectatec Vaporizer (provision to mount standby vaporizer on side)
- · Non-Return valve on Back Bar to protect vaporizer
- · Patient Block with 22m / 15f mm Common gas outlet
- Emergency O₂ flush button & patient safety blow off valve at 50 cm of H₂O
- Pneumatic Oxygen failure alarm with N₂O cut-off mechanism
- O₂ reservoir storage backup & Auxillary O₂ outlet
- CO₂ Absorber with dual canister, Auto / Manual ventilation switch, bellows assembly



Ventilator's Salient Features

- · Electronically controlled and pneumatically driven Anaesthesia Ventilator
- · Suitable for Adult & Paediatric by only changing the Canister
- · Volume and Pressure controlled Ventilator with Time Cycle
- Monochrome LCD Display for P Vs T graph
- Built in PEEP
- · Single knob control with feather touch buttons

Power

Input Power 220/240VAC 50Hz 60 mA

Battery Back-up ~ 3 hours (on full charge)

Drive Gas Medical grade Oxygen or Air (dry and oil free) at 45 to 80 psi

(310 to 550 Kpa)

Display

Display parameters Pressure Vs Time waveform,

T. Volume, Airway Pressure - Dynamic and Peak, Battery status and Alarms

Functional

Tidal Volume

Adult bellows 100 to 1600 ml with limit lock function

 Pediatric Bellows
 25 to 350 ml

 Rate
 4 - 99 bpm

 I:E Ratio
 1:0.5 - 1:9

 Inspiratory Pressure
 4 - 60 cm H₂O

 PEEP
 4 - 20 cm H₂O

Alarms

Visual and Audible alarm for Patient Disconnection, High Pressure, Low

Pressure, Low Drive Gas & Low Battery

Optional Features

• FiO₂ Analyser • Pediatric Canister Assembly • Scavenging System • Option to select O₂ or Air as Ventilator drive gas

WARNING

The equipment must only be used by qualified personnel, in accordance with the instructions of the manufacturer, as specified in the User Manual and should be serviced and maintained by the authorized service personnel. For Optimal use, this equipment may be used in conjunction with other related products.

Technological up gradation is a continuous process. Specifications and availability of the product mentioned in the leaflet are subject to change without notice. All the accessories shown are not part of standard scope of supply, unless otherwise specified in the written quotation.

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