



The **Mindray Datascope AS3000** is a continuous flow anesthesia system which offers manual or automatic ventilation, easily adjustable fresh gas delivery, anesthetic agent delivery, ventilation monitoring, convenient ergonomics, and state-of-the-art safety systems.

Features

- Multiple ventilator modes including: Pressure Controlled Ventilation (PCV), Pressure Support Ventilation (PS), Synchronized intermittent mandatory Ventilation (SIMV) and Volume Controlled Ventilation (CMV).
- The warmed breathing system (35°C) virtually eliminates internal condensation.
- The auxiliary O₂ / air flowmeters provide a built-in method of regulating O₂ concentration.
- Remote, dedicated 10.4" color display, adjustable for maximum visibility of ventilator information.



Specifications

Dimensions

Height: 54.3 In (138cm)

Width: 25.6 In (65 cm)

Depth: 27.2 In (69 cm)

Weight (Without vaporizers or gas cylinders): 326 lbs (148 kg)

Drawers

Number of Drawers: 3 Equal Size

Power

Mains Power Supply: 100 to 240 VAC, 50/60 Hz, 10 A

Current Input: 120 VAC - 10 A (2 A for AS3000, 8 A for auxiliary outlets)

Power Consumption: Less than 200 VA (not including auxiliary outlets)

Main Fuse: 2 x 10A

Battery

Battery: 2 x 12 V Sealed Lead Acid

Battery Run Time: 45 minutes minimum

Battery Charge Time: 8 hours maximum

Ventilator

Ventilation Modes: CMV (Volume), PCV (Pressure Control), SIMV (Synchronized Volume), Pressure Support, Manual, and Spontaneous

Patient Types: Adult and Child

Tidal Volume:

40 - 1400 ml

Child: 40 - 400 ml (\pm 17% or at least 20 ml)

Adult: 300 - 1400 ml (\pm 15% or at least 50 ml)

Pressure delivery range:

5 - 70 cmH₂O Manual and PCV modes

3 - 80 cmH₂O PS and SIMV modes

Anesthetic Gas Scavenging System (Low Flow)

Flow Range: 25 to 50 l/min

Maximum Constant Flow Before Spillage Occurs: 50 l/min

Particle Filter: Replaceable

