



Mindray A-Series Anesthesia Delivery Systems help you manage complex challenges with an intuitive, easy to use, safe and reliable approach to anesthesia delivery. The new A7 Anesthesia Workstation takes the popular A-Series to a higher level. The feature-rich A7 combines traditional bellows driven ventilation with electronic fresh gas technology providing effective care across a wide range of patients.

Features

- Electronic fresh gas control with choice of Total Flow and Direct Flow settings for precise and responsive anesthesia delivery
- Large, 15" color touchscreen with backup touchpad
- Ventilation modes include: VCV, PCV with Volume Guarantee, CPAP/Pressure Support, SIMV-VC, SIMV-PC
- Universal ventilation capabilities include neonatal indication for use
- Automatic compliance and fresh gas compensation maintain accurate tidal volumes
- Warmed breathing system minimizes internal condensation
- Quick release APL valve reduces airway pressure while maintaining set limit
- HL7 output for AIMS and EMR connectivity
- Convenient integrated suction with tip holder
- Auxiliary Common Gas Outlet (ACGO) for use with non-rebreathing circuits
- Pull out table and adjustable LED lighting
- Compatible with Mindray patient monitors



Specifications

Pneumatic Specifications

Pipeline Gas Supply Requirements

Pipeline Input Range: O₂, N₂O, Air 280 – 600 kPa (40 psi – 87 psi)

Pipeline Gas Supply Connectors

DISS threaded body as per CGA V-5

Cylinder Gas Supply Requirements

Compatibility E-Cylinder (O₂, N₂O, Air)

Cylinder Gas Supply Connectors

Pin indexed (PISS) per CGA V-1

Electrical Specifications

Power and Battery Back-up

Mains Power Supply: 100 – 120 VAC 50/60 Hz

Current Input: 12A total max

Power Consumption: Approx. 200 VA

Power Cord: Hospital grade line cord 5 m (16 ft)

Backup Battery Power

Run Time Approx. 90 minutes

Charge Time 8 hours max

Auxiliary Outlets

Number and Type of Outlets Four circuit breaker (3A each)

Environmental Specifications

Operating Temperature: +10 – +40°C (50 – 104°F)

Storage Temperature: -20 – +60°C (-4 – 140°F)

Humidity: 15 – 90% RH, non-condensing (operating and storage)

Dimensions

Height: 140 cm (55.1 in)

Width: 105 cm (41.3 in)

Depth: 80.5 cm (31.7 in)

Weight: (without vaporizers and gas cylinders) 185 kg (408 lbs)

