



The GE **Datex Ohmeda Aestiva 5 MRI** is a multi-faceted anesthesia machine that can run in an MRI environment. The compact design and small footprint of the Aestiva5 MRI make it easy to move to either an MRI Suite or an Operating Room when needed. The Aestiva features the standard Datex Ohmeda user interface like the Aestiva 5, along with ventilation of the SmartVent technology and the advanced Breathing System. Coming with two options for ventilators the 7100 and the 7900 SmartVent. The Aestiva 5 MRI comes with an integrated alarm system that warns the operator when the machine is located in an MRI magnetic fringe field in excess of 300 gauss. The GE anesthesia machine offers low and minimal flow anesthesia along with reducing agent consumption..

Features

- Validated for use in MRI environments up to 300 Gauss, active shielded 1.5T and 3T magnets
- Physically integrated magnetic field strength monitor (Gauss Alarm)
- Low overall height
- Features facilitate use in both the MRI suite and surgical OR
- Volume Mode, Pressure Control Mode, Pressure Support (PSVPro), Synchronized Intermittent Mandatory Ventilation (SIMV), electronic PEEP
- Tidal volume compensation
- Two key presses to total standby: end case
- One motion from mechanical to manual mode
- Cardiac bypass case mode
- Innovative patient breathing system
- Eight integrated machine hoses/cables
- Autoclavable and latex-free
- Responsive location of common gas outlet
- Improved low flow/reduced life cycle costs



Specifications

Dimensions

Height: 152 cm/59.8 in
Width: 97.5 cm/38.4 in
Depth: 83 cm/32.7 in
Weight: Approximately 136 kg/300 lb

Ventilation Operating Modes

Volume Control
Pressure Control
Synchronized Intermittent Mandatory Ventilation (SIMV) (optional)
Pressure Support (PSVPro) with Apnea Backup ventilation (optional)
Ventilator (VT) parameter ranges

Anesthetic Agent Delivery

Anesthetic agent delivery: Tec 5, Tec 7
Number of positions: 2
Mounting: Tool-free installation Selectatec® manifold interlocks and isolates vaporizers

Electrical

Current Leakage

120V: < 300µA
220V: < 500µA

Power and Battery Back-Up

Power Input

USA/Canada/Mexico: 120 Vac, 60 Hz, 10A
Euro: 220-240 Vac, 50 Hz, 6A
Italy/France/Belgium: 230 Vac, 50 Hz, 6A
Japan: 100 Vac, 50 or 60 Hz, 10A
UK: 240 Vac, 50 Hz, 6A

Backup

Power: Demonstrated battery backup time under typical operating conditions is 45 minutes when fully charged
Battery Type: Internal rechargeable sealed lead acid
Power Cord: Length: 5 m/16.4 ft | Rating: 10A @ 250 Vac or 15A @ 120 Vac

