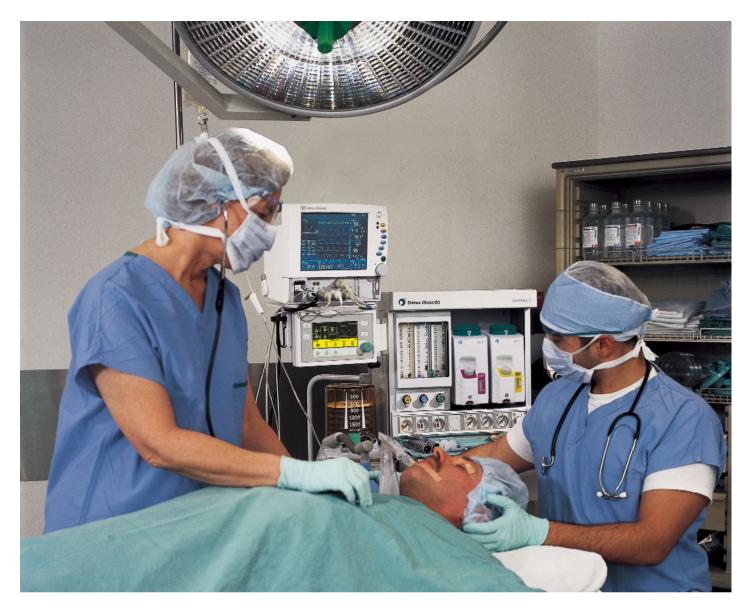
GE Healthcare



More than superior ventilation





A balance of superior ventilation and award-winning design

SmartVent™ – the shape of superior ventilation

At the heart of the Datex-Ohmeda Aestiva®/5 is the convenience, efficiency and accuracy of the SmartVent ventilator. Offering both Pressure and Volume modes, the easy-to-use SmartVent enables the Aestiva/5 to ventilate a broad range of patients: neonates, trauma, compromised and routine cases.

The SmartVent's latest modes, Synchronized Intermittent Mandatory Ventilation (SIMV) with Pressure Support and PSVPro® (Pressure Support with Apnea backup mode), expand the clinical capabilities of the Aestiva/5 to help meet the needs of your patients. With an adjustable flow trigger, electronic PEEP and an apnea backup mode, the SIMV and PSVPro modes help simplify the work of caring for your spontaneously breathing patients. Pediatric patients, patients with laryngeal mask airways (LMAs) and those that cannot tolerate certain anesthetic agents are examples of persons that will benefit from the use of these modes.

- The Pressure Control mode lets you choose a target pressure and deliver the maximum tidal volume for the desired time and pressure selected.
- The Volume Control mode delivers the tidal volume you set regardless of changes in the fresh gas flow and airway pressure, up to the user selectable pressure limit.
- The innovative compensation system optimizes low flow delivery techniques. It provides more consistent delivery of set tidal volumes by automatically adjusting for changes in fresh gas flows, small system leaks, changing lung compliance or compression losses in the ventilator, absorber and bellows.

Integrated breathing system

The Aestiva/5's breathing circuit is integrated to help simplify cable management and improve patient safety. Components are protected from damage and disconnection. Smart sensors and switches provide uninterrupted communication between the breathing circuit and the SmartVent ventilator.

Confidence, Control, Comfort,

Hundreds of clinicians were consulted in every aspect of the Aestiva/5's state-of-the-art design. The goal: to give you more confidence and control over how you interact with your patient. You can get closer to your patient with monitors that are easily viewed and controls that are conveniently located whether you are sitting or standing. Just another example of GE Healthcare's award-winning ability to build superior anesthesia solutions.

Open architecture

The Aestiva/5's open architecture means it can fit easily with your existing equipment-monitors and accessories included. Among the options:

- A wide variety of lower cabinet combinations of drawers and shelves.
- Configurable top shelving options.
- An integral dovetail rail that can be used to incorporate additional accessories.



Cost

The Aestiva/5 offers you a more cost-effective approach to anesthesia therapy through:

- Built-in service diagnostics, reduced planned maintenance requirements, and more durable components, making service support easier and more cost-effective.
- A safe and effective system for the practice of low and minimal flow anesthesia, minimizing agent consumption to help save on anesthetic agent costs.
- An open architecture that gives you the flexibility to use your current monitors and data management systems.
- Its ability to provide intensive care ventilation features, saving you the cost of bringing a separate ICU ventilator into the OR.

The Aestiva/5. More than superior ventilation, it's a superior anesthesia solution.



Flexibility

Customized with only the features you require. (Pendant model shown)

A selection of product features:

Standard:

- SmartVent ventilator
- Patient breathing system with circle module
- O₂ and N₂O gas delivery
- Lockable drawer
- Light strip

Optional:

- Frame style-two or three in-line vaporizers, left or right-handed, trolley or pendantmounted
- Additional gases: air and heliox or CO₂
- Air-flow tube: single or dual
- Cylinder yokes: up to four on a two-vaporizer system, five on a three-vaporizer system
- Auxiliary common gas outlet
- Bain module
- Integrated suction (central or Venturi)
- Integrated auxiliary O₂ flowmeter
- Silicone breathing circuit kits

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For more than 100 years, healthcare providers worldwide have relied on GE Healthcare for medical technology, services, and productivity solutions. So no matter what challenges your healthcare system faces, you can always count on GE to help you deliver the highest quality healthcare. For details, please contact your GE representative today.

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