GE Datex-Ohmeda Aisys Carestation
Anesthesia Machine

Equipment for the way *you* operate

Precise digital controls ideal for low flow anesthesia

The GE Aisys Carestation Anesthesia System's precise digital controls make providing premium care simple and streamlined. Ventilation, vaporization and gas delivery are all controlled and measured electronically, and the machine's integrated communication capabilities provide patient and system information.

An onboard Advanced Breathing System (ABS) provides a low circuit volume, making the Aisys a good option for low flow anesthesia. The machine's rising multi-breath bellows provides visual feedback increased safety and rapid response times.

Certified Refurbished

Features:

- Ventilation, vaporization and gas delivery are all digitally controlled and measured.
- Communication capabilities enable digital interfacing of patient and system information.
- Easy software upgrades to enhance the functionality of your system, add support tools and information management systems.
- Provides data on ventilation, drug monitoring, patient monitoring, fresh gas usage.
- Advanced ventilation: PCV-VG, volume control, pressure control, PSVPro, SIMV (volume and pressure), manual ventilation.
- The 7900 SmartVent™ is flexible enough to accommodate a broad range of patients: neonates, cardiac, compromised and routine cases.
- Well-suited for low-flow anesthesia.
- Integrated ABS provides a low circuit volume, delivering fast response.
- Rising multi-breath bellows provide visual feedback regarding patient status.
- Digital vaporization includes continuous monitoring by multiple embedded sensors to help ensure precise delivery.
- Electronic agent control provides electronic record keeping of set agent concentrations and usage calculations.
- Low agent alarm alerts clinician when the agent volume in the cassette is low.
- Communication protocols enable data continuity.
- Digital ventilation distinguishes between mechanical and spontaneous breaths, offers a comprehensive view of patient's ventilatory status.
- Ventilation display illustrates and compares flow, volume and pressure loops over time.

1800 Williamson Ct. • Louisville, Kentucky 40223 USA
800-477-2006 • 502-244-4444 • FAX: 502-244-0369

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Specifications:

Dimensions

Overall:	52.7 in (133.9 cm) H x 28.92 in (73.45 cm) W x 34.8 in (88.4 cm) D
Top Shelf:	21.66 in (54.8 cm) W x 17.5 in (44.45 cm) D
Work Surface:	365.5 in^2 (2358.1 cm^2)
Drawers (small):	4.13 in (10.5 cm) H x 14.88 in (37.8 cm) W x 14.82 in (37.64 cm) D
Casters Diameter:	5 in (12.5 cm)
Overall Weight:	370 lbs (168 kg)
Top Shelf Weight Limit:	100 lbs (46 kg)
Work Surface Height:	34.71 in (88.17 cm)
Drawers (large):	5.91 in (15 cm) H x 14.88 in (37.8 cm) W x 14.82 in (37.64 cm)

Ventilation Modes

Standard:	Volume control mode with tidal volume compensation
Optional:	Pressure Control and PCV-VG, SIMV, PSVPro
Notification of spontaneous breathing:	Patient-generated breaths will change pressure and flow waveform color for immediate clinician notification

Ventilation Parameters

Tidal volume range:	20 to 1500 mL (Volume control and SIMV modes)
Incremental settings:	20 to 50 mL (increments of 1 mL), 50 to 100 mL (increments of 5 mL), 100 to 300 mL (increments of 10 mL), 30 to 1000 mL (increments for 25 mL), 1000 to 1500 mL (increments of 50 mL)
Minute volume range:	0 to 99.9 L/min
Pressure (P) Inspired range:	5 to 60 cm H2O (increments of 1 cm H2O), 5 to 1500 mL volume delivery
Pressure (P) max range:	12 to 100 cm H2O (increments of 1 cm H2O)
Pressure (P) support range:	Off, 2 to 40 cm H2O (increments of 1 cm H2O)
Rate:	4 to 100 breaths per minute for Volume Control and Pressure Control; 2 to 60 breaths per minute for SIMV, PSVPro and SIMV-PC+PSV (increments of 1 breath per minute)
Inspiratory/expiratory ratio:	2:1 to 1:8 (increments of 0.5)
Inspiratory time:	0.2 to 5.0 seconds (increments of 0.1 seconds) (SIMV and PSVPro)
Trigger window:	0 to 80% (increments of 5%)
Flow trigger:	1 to 10 L/min (increments of 0.5 L/min), 0.2 to 1 L/min (increments of 0.2 L/min)
Inspiration termination level:	5 to 75% (increments of 5%) - Rise Rate 1-10 (PCV, PCV-VG, PSV, SIMV and PCPro)

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