



The Aisys Carestation for anesthesia is a scalable, flexible, and functionally integrated system, featuring advanced design ventilation, respiratory monitoring, and breathing system. The Aisys Carestation simplifies complex processes with its innovative design. The large-panel displays are mounted on a movable arm with 360° of rotation. You can easily reposition the displays to keep vital signs and ventilation controls in view and in reach at all times.



Typical
Manufacturer's
Image

GE Datex-Ohmeda Aisys

Features

Exceptional Design

- Flexible and integrated, with the most advanced design, ventilation, vital signs monitoring and Advanced Breathing System (ABS™)
- Exclusive INview™ Patient Displays so that you can position the patient and ventilation data and controls where you need them
- Can be integrated with your hospital information system
- Fully upgradeable to add new technologies as your needs change

Proven Clinical Excellence

- Superior ventilation for neonates to adults
 - ▶ VCV (Volume Control) Cardiac Bypass, Volume Control, Pressure Control, PSVProR (Pressure Support with Apnea backup), Synchronized Intermittent Mandatory Ventilation (SIMV) – Volume and Pressure, electronic PEEP, PCV-VG (Pressure Controlled Ventilation - Volume Guaranteed) (Optional).
 - ▶ Tidal volume compensation
- Vital signs monitoring with our exclusive technology (Optional)
 - ▶ Patient Spirometry™ measures airway pressures, flow, volumes, compliance and airway resistance, breath by breath at the patient's airway.
 - ▶ Entropy aids you in monitoring the state of the central nervous system.
 - ▶ Neuromuscular transmission (NMT) provides a continuous, quantitative measurement of patient's responses to nerve stimulation and regional block

Advanced Breathing System (ABS)

- Fewer connections reduce the risk of misconnects and leaks, enhancing patient safety
- Low circuit volume contributes to a fast response — ideal for low flow cases
- Rising, microprocessor-controlled bellows provides immediate visual feedback about the patient's status

Physical Specifications:

Dimensions

Height:	52.7" (133.9 cm)
Height (with horizontal arm):	59.2" (150.2 cm)
Width:	28.92" (73.45 cm)
Depth:	34.80" (88.40 cm)
Weight (Approx):	370 lb (168 kg)

Top shelf

Weight limit:	100 lb (46 kg)
Width:	21.66" (55.01 cm)
Depth:	20.31" (51.6 cm)

Top shelf (optional)

Weight limit:	50 lb (23 kg)
Width:	21.57" (54.8 cm)
Depth:	17.50" (44.45 cm)

Work surface

Height:	34.71" (88.17 cm)
Size:	2365.5" (2358.1 cm)

Folding side shelf (optional)

Weight limit:	50 lb (23 kg)
Height:	34.7" (88.17 cm)
Width:	11.39" (28.93 cm)
Depth:	14.29" (36.29 cm)

DIN rail (optional)

Side of machine:	15.1" (38.3 cm)
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Drawers (internal dimensions)

Small	
Height:	4.13" (10.5 cm)
Width:	14.88" (37.80 cm)
Depth:	14.82" (37.64 cm)

Large

Height:	5.91" (15.0 cm)
Width:	14.88" (37.80 cm)
Depth:	14.82" (37.64 cm)

Absorber bag arm (optional)

Arm length:	12" (30.5 cm)
Bag arm height (adjustable):	34.3" (87 cm)
	40.9" (104 cm)

GE Datex-Ohmeda Aisys (cont'd)

Casters

Diameter: 5" (12.5 cm)
Brakes: Individual locking front casters

Pendant mounting interface (optional)*

Height from floor: 30.28" (769 mm)
Suspended mass limit: 800 lb (364 kg)

Aladin2 Cassette (optional)



Anesthetic agent delivery

Vaporizer: Aladin2 Cassette
Number of active positions: 1

Dimensions

Height: 2.76" (7 cm)
Depth: 9.45" (24 cm)
Width: 5.51" (14 cm)
Empty weight: 6 lb (2.7 kg)

Cassette handling

No restriction for tilting during storage or handling

Agent capacity

Total: 220 mL
When cassette indicator shows empty: 140 mL (80 mL residual volume)

Accuracy (Applies to both Aladin and Aladin2)

All agents in typical operating conditions.

Fresh gas flow range 1.0 to 10 L/min.
Ambient temperature 64.4° to 77°F (18° to 25°C)

Isoflurane, Sevoflurane: $\pm 0.2\%$ v/v of full scale or $\pm 10\%$ of setting (whichever is greater)

Desflurane: $\pm 0.5\%$ v/v of full scale or $\pm 10\%$ of setting (whichever is greater)

In other operating conditions.

Fresh gas flow range 0.2 to 15 L/min.
Ambient temperature 50° to 95°F (10° to 35°C)

Isoflurane, Sevoflurane: $\pm 0.4\%$ v/v of full scale or $\pm 20\%$ of setting (whichever is greater)

Desflurane: $\pm 1.0\%$ v/v of full scale or $\pm 20\%$ of setting (whichever is greater)

Agent setting ranges (Applies to both Aladin and Aladin2)

Isoflurane: OFF, 0.2 to 5% in fresh gas flow, resolution 0.1%

Sevoflurane: OFF, 0.2 to 8% in fresh gas flow, resolution 0.1%

Desflurane: OFF, 1.0 to 18% in fresh gas flow, resolution 0.2%



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Note: The technical data given in this publication is for general information and are subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.