

## Features:

- The Aestiva™/5 offers a unique combination of quality performance and cost-control. The 7100 ventilator provides a wide range of capabilities, including optimal tidal volume compensation and integrated volume and oxygen monitoring.
- Recognized as an anesthesia system that has patient centered engineering and clinician-oriented efficiency.
- Optional: Tek 5 Vaporizers



<b>Dimensions</b>	<b>2 Vaps</b>	<b>3 Vaps</b>
Height	53.4" (135.8 cm)	53.4" (135.8 cm)
Width	29.5" (75 cm)	36.6" (93 cm)
Depth	32.7" (83 cm)	32.7" (83 cm)
Weight	300 lb (136 kg)	340 lb (154 kg)

	<b>Height</b>	<b>Width</b>	<b>Depth</b>	<b>Weight Limit</b>
<b>Work Surface</b>	34.5" (87.5 cm)	18.5" (47 cm)	12.4" (31.5 cm)	
<b>Folding Side Shelf (Optional)</b>	34.5" (87.5 cm)	10.4" (26.5 cm)	12.4" (31.5 cm)	25 lb (11.3 kg)
<b>Top Drawer (1 Standard)</b>	4.1" (10.5 cm)	15.2" (38.5 cm)	15.2" (38.5 cm)	
<b>Lower Drawers (Optional)</b>	5.7" (14.5 cm)	15.2" (38.5 cm)	10.2" (26 cm)	
<b>Top Shelves Optional</b>				
<b>2 Vaps</b>		18.7, 26.6 or 34.4"		
		47.5, 67.5, or 87.5 cm	16.1" (41 cm)	100 lb (46 kg)
<b>3 Vaps</b>		34.4" or 26.6"	16.1" (41 cm)	100 lb (46 kg)
		87.5 or 67.5 cm		

Absorber Bag Arms	Adjustable	Non-adjustable
Arm Length	12" (30.5 cm)	10" (25.4 cm)
Bag Arm Height	34.3" (87 cm)	36" (91.5 cm)
	40.9" (104 cm)	
Power Input	120 VAC, 60Hz. 220-240 VAC, 50 Hz. 230 VAC, 50 Hz. 100 VAC, 50/60 Hz. 240 VAC, 50 Hz	
Absorber	Rotation: 85°	
Casters	Diameter: 5" (12.5 cm) Brakes: Single foot lever locks & unlocks two front casters	

Soma Tech Pvt. Ltd.  
E-114 GIDC - Savli Manjusar Savli Road  
Vadodara, Gujarat, India



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# Features:

- Four display options with integrated monitor controls: 15" or 17" high resolution color video display and 10.4" or 15" flat panel color LCD display
- Or large 17" color CRT display
- User configurable display layout and colors
- Support for up to 8 waveforms on screen
- Support for user configurable second and third screen with different waveform and numerical information
- Anesthesia dedicated alarm system
- Alarms display and adjustment page
- 10-minute graphical mini trends referenced to set alarm limits
- Automatic alarm limits function
- Six user configurable modes and special cardiac bypass mode
- 24 hour numerical and graphical trends
- Split screen capability to show ST, spirometry loop, EEG, EP or mini trends permanently
- Four user-configurable graphical trend pages
- Trend cursor in both graphical and numerical trends
- Waveform snapshots to store and recall waveform samples
- Help function
- On-line help for menu functions
- Open software and hardware architecture
- Easy insertion/removal of plug-in parameter modules without interrupting other monitoring
- Anesthesia care oriented user interface
- Optional extended arrhythmia analysis
- Connector for Datex-Ohmeda S/5™ Device Interfacing Solution
- Anesthesia specific command bar for intuitive access to the monitoring functions
- Removable command bar brings monitor controls close to the user
- Frame with additional module slots
- Moves patient cables close to the patient
- Single cable connects the Extension Frame to the s/5 anesthesia Monitor's Central Unit

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# Specification:

## Display

- **Display size:** 12.1 in diagonal.
- **Display type:** Active matrix color TFT LCD.
- **Display resolution:** SVGA resolution, 800 x 600.
- **Number of traces:** up to 8.
- **Display layout and colors:** User-configurable. Integrated Command Board with direct function keys, menu keys and ComWheel<sup>a</sup> for selections and adjustments in menus.

## Frame

- **Module capacity:** 2+2 module slots.
- **I/O connections:** RS-232 computer serial output. 2 analog outputs. External keyboard connector.
- **Network option:** Compatible with Datex-Ohmeda Network for monitor-to-monitor communication and centralized viewing.
- **Network and MemCard option:** Activates MemCards to transfer the trended data of patient vital signs.
- **Printing:** Laser printing capabilities with serial printer supporting PCL5 language (Network and serial/parallel converter).
- **Recorder option:** Built-in three-channel thermal array recorder.
- **Mounting options:** Bed mount, wall mount and roll stand.

## Dimensions

- **Size:** 13.2 in W x 8.1 in D x 13.4 in H (335 x 205 x 340 mm).
- **Weight** (without modules): 24.2 lbs (11 kg)

## Power Supply

- Rated voltage range and frequencies: **100 to 240v ±10%, 50/60 Hz.**
- Maximum power consumption: **140 VA.**
- Protection class: **Class I.**
- Grounding: **Hospital grade.**

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## Battery

- **Type:** Built-in NiMH battery (2 pcs).
- **Capacity:** Up to 1.5 h typical on full charge at 23°C.
- **Recharging:** When connected to mains power.
- **Charging time:** 10 hours to full capacity.
- **Battery operation alarm.**
- **Indicator:** Battery bar displayed on the screen.

## Trends

- **Graphical:** All parameters, selectable times from 30 min to 72 h.
- **Numerical:** Continuously measured parameters sampled every 5 minutes, NIBP and PCWP values updated after each measurement. Also marker triggers numerical trend updating.
- **Trend cursor:** In both graphical and numerical trends.

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