

## A9600 Anesthesia Workstation Technical Parameters

### Ventilation Modes:

- Volume Controlled Ventilation (VCV)
- Pressure Controlled Ventilation (PCV)
- Synchronized Intermittent Mandatory Ventilation with Pressure Support (SIMV + PS)
- Pressure Support (PS) with Apnea Backup
- Manual Ventilation

### Parameters & Ranges:

- Pressure Target: 5 ~ 70 cmH<sub>2</sub>O
- Pressure Support ( $\Delta P$ ): 3 ~ 50 cmH<sub>2</sub>O
- Tidal Volume: 20 ~ 1500 mL
- Breathing Freq.: 4 ~ 100 bpm in VCV and PCV  
2 ~ 60 bpm in PS  
2 ~ 100 bpm in SIMV

- $T_{INSPI}$ : 0.2 ~ 5.0 s
- PEEP: OFF, 3 ~ 30 cmH<sub>2</sub>O
- T pause: OFF, 5% ~ 60%
- Trigger: 1 ~ 15 L/min
- I:E : 4:1 ~ 1:8
- $T_{SLOPE}$ : 0 ~ 2 s
- Vaporizers: Sevoflurane, Isoflurane, Halothane, Enflurane

### Monitoring:

- Maintains continuous monitoring of inspiratory O<sub>2</sub> concentration, breathing frequency, airway pressure (P<sub>peak</sub>, P<sub>plat</sub>, P<sub>mean</sub>, PEEP), minute volume and tidal volume.
- The measured parameters are displayed as large, easy to read digital values. Airway pressure, flow, volume and CO<sub>2</sub> (optional) are shown in graphical waveforms.
- Optional Gas Monitoring for CO<sub>2</sub> and 5 anesthetic agents with agent identification

### Alarms:

- Apnea
- Apnea CO<sub>2</sub>
- Adjustable alarm limits for Inspiratory O<sub>2</sub> Concentration (FIO<sub>2</sub>)
- Adjustable alarm limits for Minute Volume (MV)
- Adjustable alarm limits for Airway Pressure (PAW)
- Adjustable alarm limits for EtCO<sub>2</sub> and Agents
- Continuous Pressure
- O<sub>2</sub> Supply Failure
- Negative Pressure
- High Breath Rate (PS)
- High PEEP
- Mixed Agents
- Low Battery
- AC Power Failure
- Technical Alarms

### Operation Conditions:

- Operating voltage: 100 ~ 240 V (AC); 50 ~ 60 Hz
- Temperature: -20 ~ 50°C
- Relative humidity: 15% ~ 95%, non-condensing (Operational)
- Weight (without vaporizer & cylinders): approx. 105 kg
- Dimensions (H x W x D): approx. 1400 mm x 760 mm x 760 mm

### Standards

EN 60601-1, EN 60601-1-2, ISO 80601-2-13

## A9600 Anesthesia Workstation



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*A9600 is an advanced yet easy to use anesthesia workstation that provides accurate, pneumatically driven and electronically controlled ventilation.*

*The workstation has a user-friendly design, incorporates new technology, and provides safe and effective treatment options to the clinician.*

*A9600 is compatible with both adult and pediatric patients, offering a variety of patient-appropriate defaults and ranges.*

*A9600 has VCV, PCV and SIMV+PS automatic ventilation modes, allowing for flexibility in your choice of ventilation strategy. It is suitable for pediatric and adult operations. A9600 comes with numerous features that attribute to its outstanding usability, including auxiliary oxygen flow control and multiple auxiliary power outlets.*

### Abundant Options for A9600:

- AGSS (Anesthetic Gas Scavenging System) provides safe and effective waste gas removal
- Patient suction options
- Monitoring mounting arms are available



## A9600 Anesthesia Workstation

### Advanced & Clear User Interface:

*The high-resolution 12.1" TFT LCD with touch screen, along with a navigator wheel, provides a simple intuitive interface that enhances user control.*

*The ergonomic features ensure the clinician can complete the entire operation easily and accurately.*

*The parameter areas on the main screen are shown in different colors for ease of identification. The waveforms and alarm records are clearly shown, allowing for easy review of patient data by the clinician.*

### Powerful Monitoring Functions:

*A9600 displays patient data with waveforms and spirometry loops. Loops can be stored for future reference, allowing clinicians the ability to better understand changes in the patient's response to therapy.*

*Optional gas monitoring, which includes EtCO<sub>2</sub> and anesthetic agents, provides clinicians with complete information on patient ventilation, as well as agent delivery and uptake.*

*The flowmeter system provides a minimum oxygen concentration of 21% in the O<sub>2</sub>/N<sub>2</sub>O mixture by means of a reliable, pneumatic Oxygen Ratio Controller (ORC).*

*The Electronic Flow Meters for O<sub>2</sub>, Air, and N<sub>2</sub>O are designed especially for low-flow applications. This system includes electronic fresh gas flow displays along with traditional mechanical flow controllers and flow control knobs, allowing for increased patient safety and control over the machine's fully electronic blending systems.*

*The data communications export is supported to connect to hospital IT systems and support EMR.*



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*Advanced features for therapy delivery are easy to use. The single-turn APL valve on the A9600 includes a quick-release function to quickly lower patient breathing pressure and accurately set pressure limits.*

*Automatic Compliance Compensation along with Fresh Gas Flow Compensation help the clinician to deliver accurate and precise ventilation therapy.*

*Full waveform display, including integrated Spirometry, provides loops for improved clinical data analysis.*

*System provides a minimum of 21% O<sub>2</sub> concentration at all times by utilizing a pneumatic Oxygen Ratio Controller. This enhances patient safety over systems that use electronic or software controlled ORC functions.*

*An adjustable table surface lighting system (2-levels of intensity), combined with a spot light, is suitable for use in low-light environments.*

*Impressive array of standard features improve the system's usability: auxiliary oxygen flow meter and auxiliary AC power outlets.*

*Breathing system is heated to reduce condensation.*

*Absorber is compatible with Standard Prepaks or Loose-Fill CO<sub>2</sub> Absorbent.*

*GCX-type rails support easy mounting of other devices to the workstation.*

*6 traditional Gas Supply Pressure Gauges allow for easy status monitoring of hospital wall gas supplies and gas cylinders/tanks.*

*3 locking drawers for storage.*

*Standard Selectatec®-compatible mounts hold two vaporizers.*

