ORICARE®
Your healthcare, we care.

Ventilation Modes:

·Volume Controlled Ventilation (VCV)
·Pressure Controlled Ventilation (PCV)
·Synchronized Intermittent Mandatory Ventilation (SIMV) with Pressure Support (SIMV + PS) with Volume or Pressure-Type Mandatory Breaths (SIMV-VC, SIMV-PC)
·Pressure Support (PS) with Apnea Backup
·Pressure Controlled Ventilation with Volume Guarantee (PCV + VG)
·Manual Ventilation

Parameters & Ranges:

·Pressure Target: $\quad$ 5 ~ 70 cmH_2O
·Pressure Support ($\triangle$P): $\quad$ 3 ~ 50 cmH_2O
·Tidal Volume: $\quad$ 20 ~ 1500 mL
·Breathing Freq.: $\quad$ 2 ~ 60 bpm in PS
$\qquad$ 2 ~ 100 bpm in SIMV-VC and SIMV-PC
$\qquad$ 4 ~ 100 bpm in other modes
·T_{INSP}: $\quad$ 0.2 ~ 5.0 s
·PEEP: $\quad$ OFF, 3 ~ 30 cmH_2O
·$Freq_{MIN}$: $\quad$ 2 ~ 60 bpm
·Tpause: $\quad$ OFF, 5% ~ 60%
·Trigger: $\quad$ 1 ~ 15 L/min
·I:E Ratio: $\quad$ 4:1 ~ 1:8
·T_{SLOPE}: $\quad$ 0 ~ 2 s
·Vaporizers: $\quad$ Sevoflurane, Isoflurane, Halothane, Enflurane

Monitoring:

·Maintains continuous monitoring of inspiratory O_2 concentration, breathing frequency, airway pressure (Ppeak, Pplat, Pmean, PEEP), minute volume and tidal volume.
·The measured parameters are displayed as large, easy to read digital values. Airway pressure, flow, volume and CO_2 (optional) are shown in graphical waveforms.

Alarms:

·Apnea
·Apnea CO_2
·Adjustable alarm limits for Inspiratory O_2 Concentration (FiO_2)
·Adjustable alarm limits for Minute Volume (MV)
·Adjustable alarm limits for Airway Pressure (PAW)
·Adjustable alarm limits for EtCO_2 and Agents
·Continuous Pressure
·O_2 Supply Failure
·Negative Pressure
·High Breath Rate (PS)
·High PEEP
·Mixed Agents
·Low Battery
·AC Power Failure
·Technical Alarms

Operation Conditions:

·Operating voltage: $\quad$ 100 ~ 240 V (AC); 50 ~ 60 Hz
·Temperature: $\quad$ 10 ~ 40℃ (Operational)
$\qquad$ -20 ~ 60℃ (Storage & Transport)
·Relative humidity: $\quad$ ≤90%, non-condensing (Operational); ≤90%, non-condensing (Storage & Transport)
·Weight (without vaporizer & cylinders): approx. 130 kg
·Dimensions (H x W x D): approx. 1400 mm x 900 mm x 760 mm

Standards:

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

A9800
Anesthesia Workstation

CE 0123
FDA Cleared

A9800 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 the clinician with safe and effective treatment options for patients.

A9800 provides complete anesthesia ventilation capabilities that include traditional and intensive-care ventilation modes like PCV + VG (volume guarantee).

Low-flow anesthesia delivery creates reduced costs by lowering facility gas usage. The sophisticated ventilation capabilities of the A9800 meet a wide range of patient needs.

The integrated Electronic Flow Meter provides accurate, intuitive monitoring and operation.

Abundant Options for A9800:
·Gas monitoring of CO_2, N_2O & 5 types of anesthetic agents
·AGSS (Anesthetic Gas Scavenging System) provides safe and effective waste gas removal
·Patient suction regulator
·Third vaporizer parking position

Advanced & Clear User Interface:
The large 15" TFT LCD touch screen and navigation wheel create a simple, intuitive interface that is easy to control.

The screen can be tilted upwards and downwards according to the doctor's needs and position.

These ergonomic features ensure that the clinician can complete the entire operation smoothly.

The parameter areas on the main screen are shown in different colors, allowing for easy identification.

The waveforms and alarm records are clearly shown, allowing for easy review of patient data by the clinician.

Powerful Monitoring Functions:
A9800 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 provides clinicians with complete information on patient ventilation and agent delivery and uptake.

The Electronic Flow Meters for O_2, Air and N_2O are designed especially for low-flow applications. The 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.

Full Featured Workstation:
·Advanced features for therapy delivery are easy to use.

·The single-turn APL valve on the A9800 includes a quick-release function to quickly lower patient breathing pressure and accurately sets 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_2 concentration at all times, utilizing a pneumatic Oxygen Ratio Controller. This enhances patient safety over systems that utilize electronic or software controlled ORC functions.

·A large stainless worktable provides extra convenience to the user, with a flip-up table design that allows for more space.

·Impressive array of standard features improve the system's usability: auxiliary oxygen flow meter with Air/O_2 Blender and auxiliary AC power outlets.

·Air/O_2 Blender for Aux Gas outlet is conveniently located on front panel to allow the user to mix Aux Gas from 100% O_2 to 21% O_2 easily and accurately.

·Breathing system is heated to reduce condensation and is integrated within the workstation.

·Advanced breathing system is fully autoclaveable.

·Absorber by-pass function makes changing absorbent during an operation easier.

·Absorber is compatible with Standard Prepaks or Loose-Fill CO_2 Absorbent.

·Auto/Manual Switch is located on the breathing system for optimal accessibility.

·ACGO (Auxiliary Common Gas Outlet) switch is a standard feature that allows for use with non-rebreathing adapters.

·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.