

**AKAI** Med



**Galaxy 1000**

# Galaxy 1000 Main Feature

- Completely integrated anesthesia gas delivery system, pneumatically driven and electronically controlled.
- 4-tubes of flowmeters for 2-gas sources and suitable for various operation requirements.
- Support low flow anesthesia technique.
- Ventilation modes include IPPV, PCV, SIMV and PS modes, can easily meet clinical requirements.
- Electronic PEEP control, Set the PEEP directly.
- The minimum tidal volume down to 20 ml, suitable for pediatric operation.
- Electromagnetic valve ensures accurate tidal volume and compensation.
- 8.4-inch TFT display with touch screen, different parameters distinguished by colors easy to read and simple to use.
- Integrated breathing circuit system equipped with non-consumables flow sensor.
- The single-turn APL valve includes a quick-release function to quickly lower patient breathing pressure and accurately sets pressure limits.
- Advanced one button switch of manual / auto provides convenient pneumatic / auto controlling interchanges.
- Optional AGSS provides more protection for clinicians.
- Optional multi-gas monitoring, including CO<sub>2</sub>, N<sub>2</sub>O and 5 anesthetic gases.

## Configuration Standard

<b>Movable Basic Unit:</b>
Frame
Braking casters (Individual locking)
Two drawers
Metal writing table
<b>GAS MANAGEMENT:</b>
Pipeline supply: O <sub>2</sub> , AIR, NIST
4-tubes flowmeter (O <sub>2</sub> , AIR, Europe standard)
O <sub>2</sub> flush
ACGO
<b>Medical gas cylinders option</b>
Note: One medical gas cylinders option only for each Anaesthesia Machine.
⊙ B reserve oxygen supply (NIST)
<b>Electrical:</b>
AC100V~240V, 50Hz/60Hz
Built-in battery (120min)
Auxiliary socket: 3 Pcs (Europe)
<b>Anesthesia Ventilator:</b>
8.4" touch screen
Ventilation mode: IPPV; PCV, SIMV-VC, PS; Manual, electronic PEEP
Tidal volume range: 20 to 1500 mL
Monitoring: Vt, MV, Frequency, airway pressure
Waveform: P-t, F-t, V-t
<b>AC130 Breathing System:</b>
CO <sub>2</sub> absorber (single); APL valve; airway pressure gauge
<b>Bellows</b>
<b>Self-test&amp;alarm</b>
Intelligent power-on self test; meet IEC60601-1-8 smart alarm
<b>Standard Accessories:</b>
Adult PVC Breathing Circuit
O <sub>2</sub> , AIR, gas pipeline (NIST)
Power Cable (Europe)
User manual (English)
<b>Language:</b>
Standard Language: English
<b>Anesthetic Agent Delivery</b>
Number of positions: 2
Mounting: Selectatec® with interlocks



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