

PRIMA

Anesthesia Machine

The Prima anesthesia machine is a high specification anesthetic machine providing the ideal solution for today's busy operating room.



BROAD PATIENT SUPPORT

Suitable for adult, pediatric and neonatal patient profiles. Eight ventilation modes are available (VCV, PCV, PRVC, SPONT/PSV, SIMV-V, SIMV-P, SIMV-PRVC, and Manual) with PEEP available in all modes except Manual.

ENHANCED MONITORING

10.4" TFT color touchscreen ventilator display with navigator wheel and audio/visual indicators. Choice of up to 10 waveform and respiratory loop displays. Optional mainstream anesthetic gas and sidestream CO₂ monitoring.

ROBUST GAS MANAGEMENT

Cylinder yokes and pipeline connections, with integrated mechanical anti-hypoxic device. Automatic ventilator drive gas switching between air or oxygen. Absorber with integrated heater and bypass, allowing for mid-ventilation soda lime replacement.

ADDITIONAL ACCESSORIES

Oxygen therapy outlet for recovery and safety, reusable breathing circuits and starter kit of consumables, optional suction controller kit to keep airways clear and AGSS receiver for waste gas disposal.

Prima Product Specifications

VENTILATION

Modes	VCV, PCV, PRVC (PCV-VG), SIMV-P, SIMV-V, SIMV-PRVC, SPONT/PSV, Manual
Bellows	Universal (adult and peds)
Drive gas	O ₂ /Air - automatic switch
Tidal volume	10 - 1500 mL
Insp. pressure	5 - 70 cmH ₂ O
Max flow	120 L/min
Resp. rate	1 - 100 bpm
I:E ratio	4:1 - 1:10
Insp. pause	0 - 60%
Flow sensors	Insp. and Exp. (reusable)

MONITORING

Standard	PEEP, Pmean, Pplat, Ppeak, VTi, VTe, Ftotal, Fspn, MV, MVspn, Rst, Cdyn, I:E, FiO ₂
Optional	EtCO ₂ , Anesth. ID & concentration
Waveforms	Flow, Volume, PAW, P-V Loop, V-F Loop, CO ₂ (optional)

VAPORIZERS

Agents	Sevoflurane, Isoflurane, Halothane
Type	Selectatec-compatible; Key fill, Quik-Fil, or pour fill

FLOWMETERS

Type	Dual-tube cascade
Source gases	O ₂ , Air, N ₂ O
Nitrous cut-off	Mechanical, integrated AHD

ELECTRICAL AND GAS SUPPLIES

Input voltage	100 - 240 VAC, 50/60 Hz
Battery	Approx. 2 hr backup
Gas input connections	3 × pipeline 2 × pin-indexed cylinder
Pipeline input	NIST/BS, 280 - 600 kPa (40.6 - 87 psi)

PHYSICAL DIMENSIONS

Dimensions	1410 × 950 × 650 mm
Weight	110 kg (243 lb)
Display	10.4 in TFT color touchscreen
Storage	2x drawers, work surface
Absorber	1500 mL capacity

ENVIRONMENTAL

Temperature	+10°C - 40°C (Operation) -20°C - 55°C (Storage)
Humidity	10 - 95% RH
Atmospheric pressure	70 - 106 kPa (Operation) 50 - 106 kPa (Storage)

Guaranteed with Every Purchase

COMPREHENSIVE WARRANTY

- Annual preventive maintenance checks
- Timely corrective maintenance with on-demand access to technical experts
- Local storage of spare parts for fast and easy access

HIGH-QUALITY TRAINING

- In-person and online formats, covering real-world clinical scenarios like obstetric emergencies with high-fidelity simulation
- Taught by leading physicians, and is accredited in several countries

