



CAESimEquip Anesthesia

Deliver cost-effective
training with
simulated anesthesia
equipment

Simplify and enhance your anesthesia machine simulation training capabilities, with or without a patient simulator

CAE Healthcare's SimEquip Anesthesia incorporates advanced simulation scenarios into simulated medical equipment for hands-on anesthesia equipment training.

CAE SimEquip Anesthesia expertly mimics the management of a wide range of patient conditions and standard settings found on most anesthesia machines in today's market. These capabilities allow instructors to expand the variety and complexity of Simulated Clinical Experiences (SCEs) suited for in-hospital environments.

With CAE SimEquip, healthcare professionals get the hands-on training in advanced anesthesia equipment scenarios they need to deliver effective patient care with confidence.

Available in **Standalone** and **Maestro Add-on** configurations.

Learn more at caehealthcare.com/simequip.

Your worldwide
training partner
of choice



Technical Specifications

Standard Equipment

(To be used with adult CAE Maestro patient simulators as an add-on)

- Anesthesia cart
- Medical attachments (breathing circuit with mask and tracheal tube, SpO₂ probe, CO₂ sample line, O₂ hose, N₂O hose, medical air hose, 3-lead ECG cables, IBP catheter, NIBP cuff, temperature probe)
- 2 monitors
- SimEquip Anesthesia software and license
- User guide

Optional Equipment

- Instructor Standalone Kit: router, instructor tablet, CAE Maestro with physiology software and license (required for standalone configuration)

Simulated Anesthetic Agents

- Isoflurane
- Sevoflurane
- Desflurane

Additional Controls

- O₂ flush valve
- ACGO valve
- View soda lime canister control
- Leak, breathing-circuit disconnection

CAE SimEquip Anesthesia

Key Features

- Full range of typically monitored values common to anesthesia machines
- Simulates delivery of multiple anesthetic agents, with realistic responses
- Simulates interaction of all anesthesia machine controls, including: APL valve, manual ventilation switch, rebreather bag (inspiration), anesthetic agent vaporizers (Isoflurane, Sevoflurane, Desflurane), gas flow dials (O₂, N₂O, AIR)
- Adjustable screen layout, alarms and other settings
- 36 Alarms, 4 Gauges, 3 Loops, 51 Numerics, 3 Views, 5 Waveforms
- Full range of operator-adjustable parameters for each ventilation mode

Ventilation Modes

- Volume-controlled ventilation (VCV): PEEP, Flow Trigger, VT, RR, Tpause, Ti rise, I:E
- Pressure-controlled ventilation (PCV): PEEP, Pi, Flow Trigger, RR, Ti rise, I:E
- Continuous positive airway pressure + Pressure support (CPAP+PS): PEEP, ΔPsupp, Flow Trigger, Ti rise, Tapnea, Pi backup, RR backup, I:E backup
- Synchronized intermittent-mandatory ventilation volume control (SIMV VC): PEEP, ΔPsupp, Flow Trigger, VT, RR, Tpause, Ti rise, I:E

