



## 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.

## 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, SpO<sub>2</sub> probe, CO<sub>2</sub> sample line, O<sub>2</sub> hose, N<sub>2</sub>O 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

- O<sub>2</sub> 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), N<sub>2</sub>O (expiration), Iso (inspiration/expiration), Sev (inspiration/expiration), gas flow dials (O<sub>2</sub>, N<sub>2</sub>O, 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, ΔPsupp, Flow Trigger, RR, Ti rise, I:E
- Continuous positive airway pressure (CPAP+PSV): PEEP, ΔPsupp, Flow Trigger, Ti rise, Tapnea, Pi backup, RR backup, I:E backup
- Synchronized intermittent-mandatory ventilation (SIMV): PEEP, ΔPsupp, Flow Trigger, VT, RR, Tpause, Ti rise, I:E



For More information, please contact :

Dr. Dhawal Naik  
Senior Manager - Relationships  
+91 77770 49237  
dhawal.naik@augmentsimulation.com

Please visit our website:  
[www.augmentsimulation.com](http://www.augmentsimulation.com)

