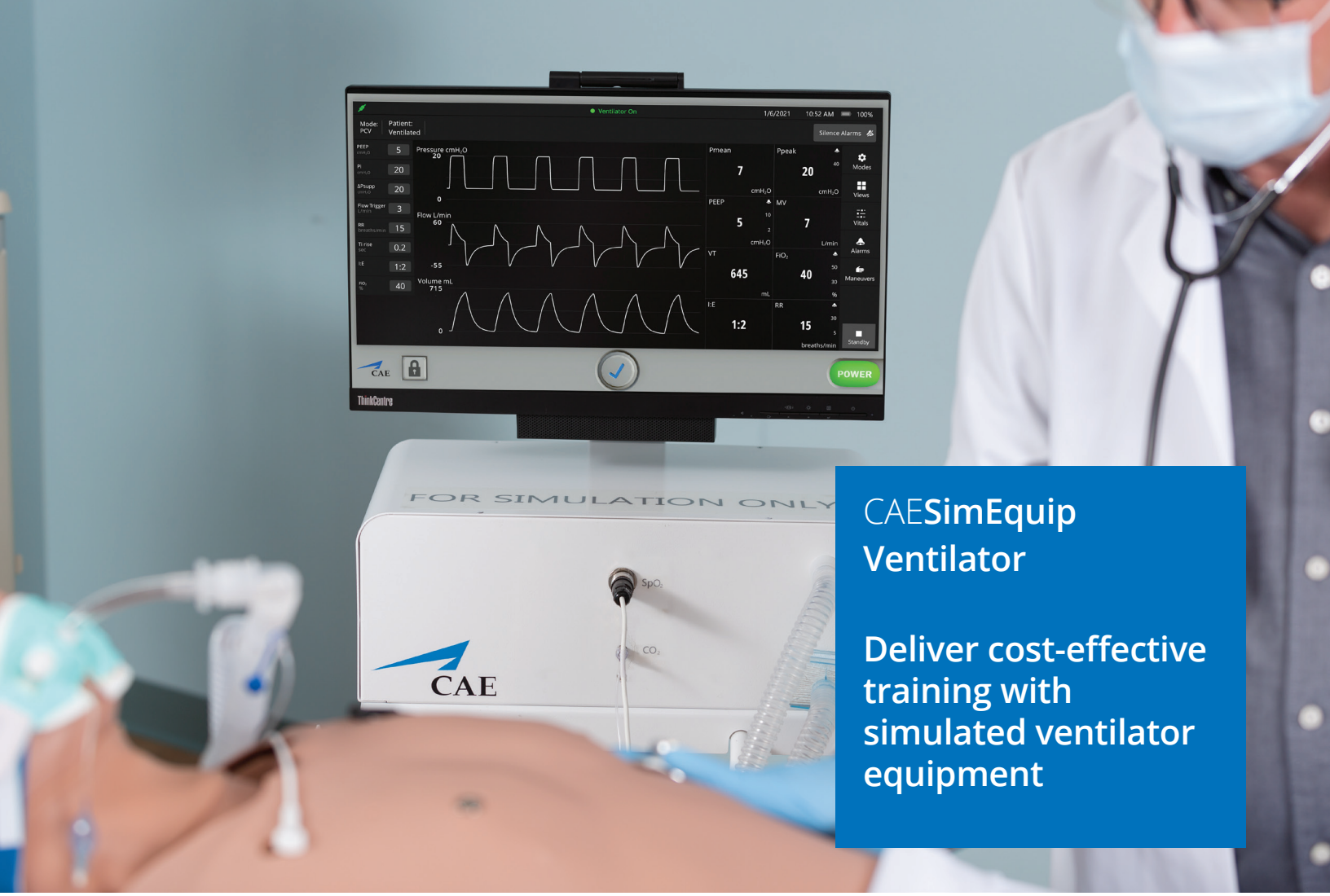

CAE**SimEquip Ventilator**

Deliver cost-effective training with simulated ventilator equipment

Simplify and enhance your ventilator equipment simulation training capabilities, with or without a patient simulator

CAE Healthcare's SimEquip Ventilator incorporates advanced simulation scenarios into simulated medical equipment for hands-on training in respiratory care scenarios.

The CAE SimEquip Ventilator expertly mimics the management of a wide range of patient conditions and standard settings found on most ventilators in today's market. These capabilities allow instructors to implement multiple ventilation therapy-related scenarios suited for in-hospital environments.

With CAE SimEquip, healthcare professionals get the hands-on training in advanced respiratory care 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

CAE

Technical Specifications

Standard Equipment

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

- Ventilator cart
- Medical attachments (breathing circuit with mask and tracheal tube, SpO_2 probe, CO_2 sample line, O_2 hose)
- Student tablet
- All-in-one monitor
- SimEquip Ventilator software and license
- User guide

Optional Equipment

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

Additional Controls

- Leak, breathing-circuit disconnection

CAE SimEquip Ventilator

Key Features

- Full range of typically monitored values
- Full range of operator-adjustable parameters for each mode of ventilation common to conventional hospital ventilators
- Adjustable screen layout, alarms, and other settings
- Provides experiential learning skills required to manage and monitor ventilation of a patient, and troubleshoot ventilator issues
- 17 Alarms, 3 Loops (pressure volume, pressure flow, volume flow), 39 Numerics, 4 Views, 6 Waveforms (pressure, flow, volume, Edi, SpO_2, CO_2)
- Maneuvers: Inspiratory hold, expiratory hold

Ventilation Modes

- Volume-controlled ventilation (VCV): VT, PEEP, Flow Trigger, RR, Tpause, Ti rise, I:E, FiO_2
- Pressure-controlled ventilation (PCV): Pi, PEEP, ΔPsupp, Flow Trigger, RR, Ti rise, I:E, FiO_2
- Continuous positive airway pressure (CPAP+PSV): PEEP, ΔPsupp, Flow Trigger, Ti rise, End Inspiration %, FiO_2, Tapnea, Pi backup, RR backup, I:E backup
- Volume support ventilation (VSV): PEEP, Flow Trigger, VT, Ti rise, End Inspiration %, FiO_2, Tapnea, VT backup, RR backup, I:E backup
- Neurally adjusted ventilatory assist (NAVA): PEEP, Edi Trigger, Flow Trigger, NAVA Level, FiO_2, Tapnea, Pi backup, RR backup, I:E backup
- Synchronized intermittent-mandatory ventilation (SIMV): PEEP, ΔPsupp, Flow Trigger, VT, RR, Tpause, Ti rise, I:E, End Inspiration %, FiO_2

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