CAE SimEquip

FAQ

Updated: 3.23.21

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Technical Specifications

What are the product dimensions and weight?

Medical Cart	50" x 27.5" / 58 lbs. / 26.31 kg (without monitors)
	Shipping Crate: 33" x 31" x 57" / 450 lbs. / 204.12 kg
Transport Bag	31" x 19" x 16" / 20 lbs.

What are the technical specifications for the tablet included with SimEquip Defibrillator / Transport Ventilator?

Surface Go 2 Tablet	
Dimensions	10.5" Touchscreen with Power Supply
Memory	4 or 8 GB RAM
Operating System	Windows 10 Pro
Battery Life	10 hours
Weight	1.2 lbs. 544.31 grams

What are the technical specifications for the computer included with SimEquip Ventilator / Anesthesia?

Lenovo ThinkVision S22e LCD Monitor	
Dimensions	21.5 inch
Resolution	1920 x 1080 at 75 Hz

Lenovo ThinkCentre M720 Tiny Computer	
Dimensions	7.0" x 1.4" x 7.2" 179 x 36.5 x 182.9 (mm)
Memory	32GB
Operation System	Windows 10 Pro
Weight	2.91 lbs 1.32 kg

Do medical attachments come included with the base units?

Yes, medical attachments are included in base units. Here is a list of all included elements:

- CAE SimEquip Defibrillator: 3-lead ECG cable, therapy pads
- CAE SimEquip Transport Ventilator: breathing circuit with mask and endotracheal tube, filter, SpO2 probe, intubated EtCO2 sample line, O2 hose
- CAE SimEquip Ventilator: breathing circuit with mask and endotracheal tube, filter, SpO2 probe, intubated EtCO2 sample line, O2 hose
- CAE SimEquip Anesthesia: breathing circuit with mask and endotracheal tube, filter, SpO2 probe, intubated EtCO2 sample line, O2 hose, N2O hose, medical air hose, 3-lead ECG cables, IBP transducer, NIBP cuff, temperature sensor

Do the carts for CAE SimEquip Ventilator and Anesthesia need assembly?

No. These carts are shipped pre-assembled. The customer is responsible for mounting the monitors and connecting the medical attachments.

Why are there international versions for SimEquip? What's the difference?

There are no differences in performance, setup or, software. There are minor differences in the components. The colors of hoses may vary depending upon International or US configurations. Also, different power plugs have been added to the international versions

Quoting

Which simulators are compatible with CAE SimEquip?

As of today, only adult Maestro simulators are compatible: Juno, Ares, Apollo, and Athena. We are working diligently to add more simulators as soon as possible

I see that we have different Standalone Instructor kits. One for the Defibrillator/Transport Ventilator and the other for Ventilator/Anesthesia. Why?

The only difference between kits is the fact that we include a battery pack for the router with the defibrillator/transport ventilator kit. We wanted our customers to have a truly mobile solution. The kit for the ventilator/anesthesia doesn't have one because the router is powered by the computers

Does this mean that if a customer purchases a SimEquip defibrillator and a SimEquip Anesthesia, they must get 2 separate standalone kits?

No. One will suffice. If you encounter this scenario, you can direct the customer to the one that they prefer based on the need and application.

Do I have to purchase the Standalone Instructor Kit if I have a Maestro simulator?

No. You can use the Instructor device included with your Maestro simulator

Do I need to purchase an Instructor tablet for each SimEquip?

There is no need to purchase multiple instructor devices for each product line. One instructor device can connect to one or all. The limitation is the number of units connected at the same time. The user is only able to connect the defibrillator and one ventilation/anesthesia option at the same time during a scenario.

Can a customer add SimEquip Transport Vent to the defibrillator bag? / Can a customer purchase additional licenses to unlock more SimEquip apps?

No. Currently, you are not able to "unlock" different apps on your devices. There are a few reasons for this approach:

- We want to keep realism in our approach and in the field, you won't have a defibrillator that also works as a ventilator
- For the customer to potentially add the ventilator component, he/she will have to add medical attachments and licenses which might not be cost-effective. It might result better for the customer to purchase a separate unit altogether

Software

If we set the RR on the virtual vent, the connected manikin will have chest rise that corresponds with the cycle on the virtual vent?

In short, Maestro simulations (i.e. with a simulator or with standalone) connected to a piece of equipment will communicate and respond to user actions that affect the patient's physiology. As an example, if a user changes RR on the simulated ventilator it will impact the patient's RR as these are connected to the Maestro simulation instance. If something is changed to introduce a complication for the patient on the Maestro facilitator side, it

should be visible on the simulated ventilator (if it is relevant to what the ventilator can detect). This interaction is precisely why we need the Physiology option as part of SimEquip

Do I need a specific Maestro software version to run SimEquip?

Yes, you need Maestro 2.5.35 as a minimum. If your customer doesn't have it installed, this is a free download on our website

Other

Can I connect an oxygen line to the medical cart?

No. The carts are meant for simulation only. The carts have been marked accordingly and, by design, no lines can be physically connected.

The Standalone Instructor kit includes Maestro software, why? Can I use the tablet included in the kit to run a simulator?

The operating software found in the Standalone Instructor tablet is Maestro for SimEquip. It uses a new simulator type to run scenarios: Embody. The Maestro software version included in this tablet uses **ONLY** this simulator type. It is not the full-scale Maestro version found in our simulators and it cannot be used to run a simulator

The Standalone Instructor kit includes Physiology. The Physiology option for the simulator is more expensive, why?

Like the previous question, this Physiology option is an "Embody" type of license. It is a SimEquip specific version from the full-scale version found in the Maestro Simulators