

NEW! StethoSym technology with clearer heart, lung and bowel sounds

A photograph showing four emergency responders in uniform practicing on a CAE Ares manikin lying on a stretcher. The manikin is positioned on a yellow and black stretcher on a grassy area. One responder is kneeling and attending to the manikin's head, while others stand around, observing. A red ambulance is visible in the background.

CAE Ares

An emergency care manikin you can rely on

Introducing CAE Ares, built to withstand the rigors of emergency care team training

Ares combines the streamlined simplicity of an emergency care manikin with CAE's unrivaled modeled patient physiology, offering an entirely new training experience for prehospital and emergency care providers. With CAE's unique SymEyes, two-way communication and just the right blend of clinical training features, CAE Ares is durable and reliable through repeated lifesaving team scenarios. Ares was created to fulfill the requirements for advanced life support training (ACLS) and emergency care management.

Discover how CAE Ares can help redefine your training expectations at caehealthcare.com

Your worldwide training partner of choice



Technical Specifications

Standard Equipment

CAE Ares wireless and tetherless manikin:
Medium and dark skin tone available
Male and female gender configuration
One wireless StethoSym
Samsung Galaxy S3 tablet
New software platform CAE Maestro
One CAE Maestro standalone license
One license for Ares Learning Experience mobile app with educational content focused on the six Simulated Clinical Experiences including:
- Pre- and post-test questions
- Study cards on pathophysiology, assessment, management and clinical pearls

Includes 6 CAE Simulated Clinical Experiences (SCEs)
- Cardiopulmonary Arrest
- Closed Head Injury and Pneumothorax
- Heroin Overdose
- Inferior-Posterior Myocardial Infarction
- Sepsis with Hypotension
- Stroke

Electronic user guide
Single year CAE Value Assurance warranty

Optional Equipment

Patient monitor computer
SymEyes
SymDefib external defibrillation box
Complete wound kit
Post mastectomy kit
Breast exam kit
Articulated arms
Ultrasound training model insert for peripheral IV cannulation and infusion
Additional StethoSym units
STOPS hyper-realistic Blood Pumping System

Optional Software

Five additional CAE EMS Learning Modules (10 SCEs per module)
ACLS Learning Module (11 SCEs)
Ares Learning Experience mobile app – Individual licenses

Manikin

64" H x 20.5" W x 10" D
(162.56 cm x 52.07 cm x 25.4 cm)
Approximate Weight = 50 lbs. (22.7 kg), varies depending on options

Electrical

AC Input: AC 115-230VAC, 50/60Hz
Internal Batteries: 15V 3.20 Ah Lithium ion, rechargeable
Runtime: Approximately 4 hours

Key Features

Neuro

- Tristate pupils
- SymEyes (optional)

Articulation

- Realistic articulation
- Range of motion in hips, knees, ankles, shoulders
- Cervical motion for practice of patient stabilization

Airway

- Bag-valve-mask (BVM) ventilation
- Orotracheal and nasotracheal intubation
- Placement of various airway adjuncts
- Endotracheal tube intubation
- Retrograde and Fiberoptic intubation
- Transtracheal jet ventilation
- Needle and surgical cricothyrotomy
- Tracheostomy
- Right main stem intubation with detection
- Stomach distention with esophageal intubation
- Laryngospasm (manual)

Breathing

- Spontaneous breathing
- Bilateral and unilateral chest rise and fall
- Lung auscultation sites on anterior chest
- Upper airway sounds: stridor and gurgling
- Bilateral needle decompression

Cardiac

- 4-lead ECG monitoring with real equipment
- 12-lead dynamic ECG display
- Defibrillation, cardioversion and pacing using live equipment via external defib box (optional)

Circulation

- Unilateral blood pressure measurement by auscultation and palpation
- Bilateral carotid and femoral pulses
- Unilateral radial and brachial pulses
- Variable pulse strength

CPR

- Compliant with 2015 AHA guidelines and ERC guidelines
- CPR compressions generate palpable pulse, blood pressure, waveform and ECG artifacts
- Realistic chest compression depth and resistance
- Software metrics detects hand placement, rate and depth of compressions, recoil, ventilations and ventilation: compression ratio



IM Medication Administration

- Four intramuscular sites

Urinary

- Urinary catheterization without fluids
- Interchangeable genitalia

Vascular Access

- Unilateral IV cannulation at antecubital and dorsum of hand
- Blood draw with vacuum sealed blood collection system
- Unilateral (humoral) IO access
- Ultrasound training module insert for IV cannulation (optional)

Sounds

- Auscultation of normal and abnormal heart, lung and bowel sounds with the new StethoSym technology utilizing radio-frequency identification (RFID) tags
- Prerecorded speech and vocal sounds
- Bidirectional audio communication between manikin and operator