



CAEAres

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. With CAE's unique SymEyes, two-way communication and the right blend of clinical training features, CAE Ares is durable and reliable through repeated lifesaving team scenarios. Ares was created to fulfill requirements for advanced life support training (ACLS) and emergency care management.

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

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
- Software compatible tablet
- New software platform CAE Maestro
- One CAE Maestro standalone license
- One license for Ares Learning Experience a mobile app with educational content focused on the six Simulated Clinical Experiences (SCEs) 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 Express Assurance warranty

Optional Equipment

- Patient monitor computer
- SymEyes
- SymDefib external defibrillation box
- Complete wound module
- Post mastectomy module
- Breast exam module
- Articulated arms
- Ultrasound training model insert for venous and arterial cannulation and infusion
- Additional StethoSym units
- STOPS Blood Pumping System
- STOPS Hyper-Realistic Moulage Kit

Optional Software

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

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
- 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 insertion for venous and arterial 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