

Tactical Medical Upper

Emergency Medical Trauma Trainer (EMITT-TacMed)



The TraumaFX® Emergency Medical Trauma Trainer (EMITT) is a collection of mid-fidelity medical simulators created specifically to address training requirements for civilian first responders. The EMITT-Tactical Medical Upper offers advanced features and training capabilities for EMTs, Paramedics and other First Responders such as breathing, intubation, tension pneumothorax, a bubbling chest wound, IV, and more. Constructed with a strong urethane core and realistic, durable synthetic skin, the TacMed Upper is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks while training in nearly any environment or weather condition.

Rugged, Durable and Reliable

Each TraumaFX product is designed from the ground up for ruggedness and durability with careful consideration of materials and manufacturing processes to create products that last. They are water resistant and can be used in nearly any weather condition or environment, and can be transported in any vehicle or aircraft to ensure the most authentic training experience.

Remote Controlled with Real-time Sensor Data

All TraumaFX mid and high-fidelity simulators are operated by a long-range RC controller which includes real-time telemetry to monitor medical interventions. Easy to use, menu-driven software takes only minutes to learn and sensor data is immediately displayed on the main control screen for quick reference. The display shows key vitals and provides instructors with instant data on the effectiveness of student interventions such as tourniquet application, wound hemostasis, airway intervention and more.



Mix-N-Match

TraumaFX upper and lower trainers can be combined in any configuration to increase training capabilities

DATA SHEET

Key Benefits of the EMITT-TacMed Upper

- Multiple sensors provide trainers/learners with instantaneous feedback for After Action Reporting (AAR) via the Ruggedized Remote Control (RC)
- Adjustable breathing with selectable Left/Right tension pneumothorax
- Flexible jaw with internal tracheal landmarks for orotracheal intubation
- BVM ventilation with chest rise and fall
- Cricothyroidotomy with larynx and replaceable skin plugs
- Bubbling gunshot wound to the chest
- Palpable radial and carotid pulses
- Humeral head and manubrium intraosseous infusion training sites
- Eyes can be manually rotated to simulate a dilated, TBI, or pinpoint pupil
- Oral airway cavity (with teeth and tongue) for oropharyngeal intubation
- Nasal passageways for nasopharyngeal intubation
- Reinforced silicone arms with articulating shoulders and full arm rotation
- Needle decompression training sites (full size 3.25" 14 gauge needle)
- Optional 2-way audio communication system
- Infusible IV training site with flash cue
- Simulated gunshot exit wound-back
- Water resistant
- Easy to clean and maintain after use
- Optional burn arm

Remote Control and Sensor Features

The RC remote control offers full system operation from up to 200 yards away and includes real-time telemetry for sensor feedback and vitals data.

Sensor and Vitals data for the TacMed Upper include:

- Respiratory status (regular, tension pneumothorax, stopped)
- Respiration rate
- Pulse rate
- Blood pressure
- Airway status
- Alert, conscious, unconscious, anxious
- Patient alive/expired
- Intubation sensor (tracheal, esophageal, RMS, time)



Combine EMITT Components

All EMITT simulator components (upper and lower units) are inter-compatible with each other and with any other TraumaFX simulator, allowing you to mix and match pieces to create an optimal training experience.



TacMed Upper



TacMed Lower



Active Shooter Upper



Active Shooter Lower

TraumaFX Multiple Amputation Trauma Trainer (MATT)[®] Awards



AMSO Award



Governors Award



SBIR Award

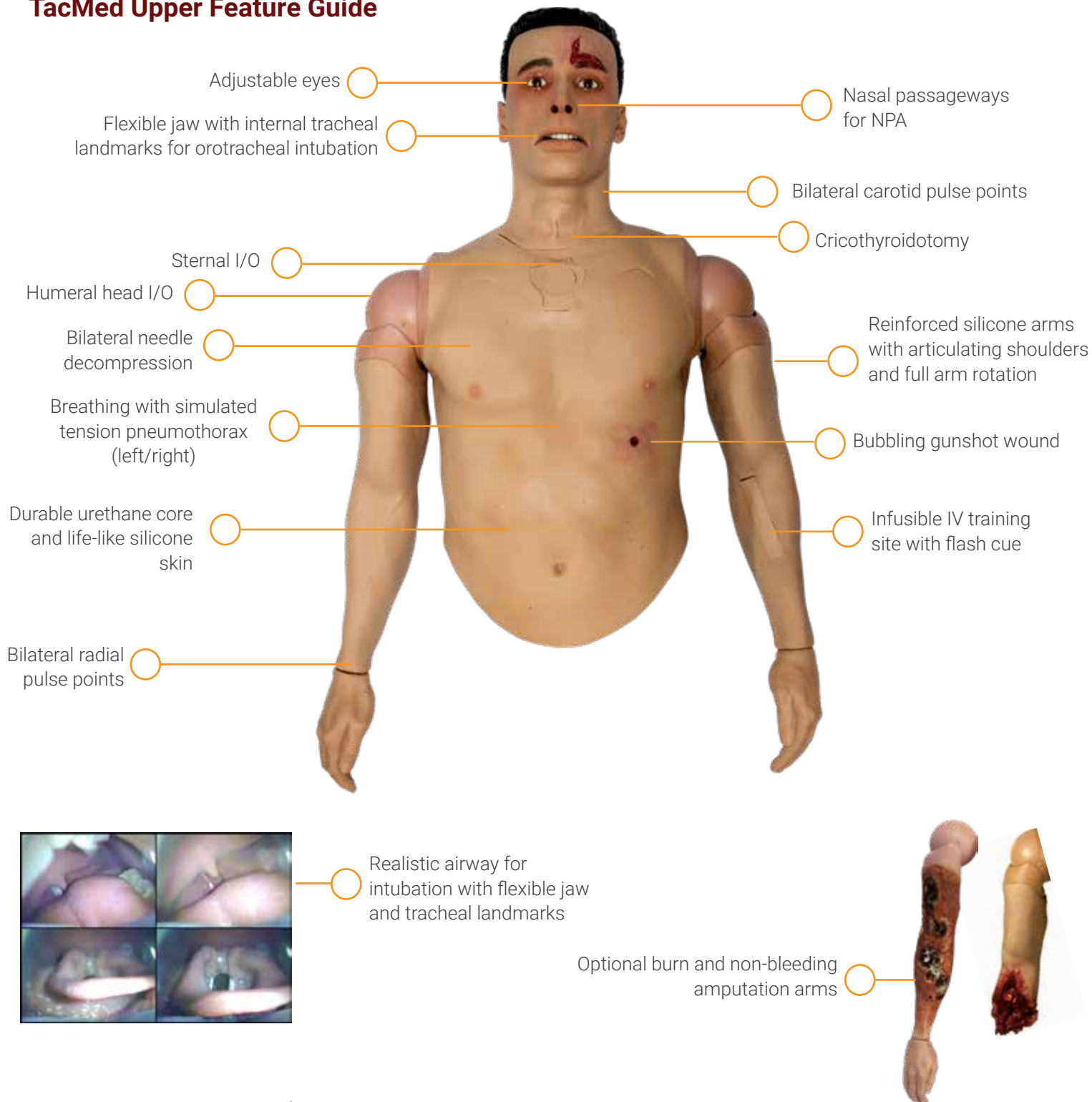


Modeling & Simulation
Training Team Award

Contract Vehicles:

GSA: GS-07F-063DA
DLA ECAT: SPE2DH-18-D-0008
PEO STRI TATT: W900KK-14-D-0004
PEO STRI VPSS: W900KK-18-D-0012

TacMed Upper Feature Guide



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