

Whole-Body Simulator EMITT Tactical Medical

The TraumaFX® Whole-Body Simulator Emergency Medical Trauma Trainer Tactical Medical (WBS EMITT-TM) is a high fidelity medical simulator created specifically to address training requirements for medics and civilian first responders. The EMITT Tactical Medical offers advanced features and training capabilities such as breathing, intubation, tension pneumothorax, a bubbling chest wound, IV, amputation, packable wound, and more. Constructed with a strong urethane core and realistic, durable synthetic skin, the WBS EMITT-TM 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 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, needle decompression, and chest tube placement.



Mix-N-Match

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

DATA SHEET

Key Benefits of TraumaFX EMITT-TM

- Multiple sensors provide trainers/learners with instantaneous feedback for After Action Reporting (AAR) via the Ruggedized Remote Control (RC)
- Simulated 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 intraosseous infusion training site
- Eyes can be manually rotated to simulate normal, 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)
- Infusible IV training site with flash cue
- Simulated gunshot exit wound-back
- Optional burn arm
- Full left leg with a hemostatic wound at the inguinal crease that requires packing with gauze and the application of measurable pressure
- Advanced Sensor Technology provides trainers/learners with Instantaneous feedback of applied pressure, time to occlude bleeding, and volume of blood loss for After Action Reporting (AAR)
- Arterial bleeding from the amputation requiring correct tourniquet placement
- Responds to direct femoral artery pressure for immediate bleeding control
- Humeral head, manubrium and tibia intraosseous infusion training sites
- Specially formulated synthetic tissue with unparalleled realism and durability providing visual and tactile stimuli
- Instantaneous feedback provided through proprietary Remote Control (RC) transmitter with extended operating range
- Can be used with human actors
- Scrotal avulsion
- Water resistant
- Easy to clean and maintain after use
- Optional non-bleeding lower leg with crush injury

Remote Control with Sensor Feedback

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



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

All TraumaFX Products are handcrafted in the USA

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