

EMITT-TMU

RUGGED, DURABLE, AND RELIABLE

Each TacMed Simulation™ 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 to ensure the most authentic training experience.

REMOTE CONTROLLED WITH REAL-TIME SENSOR DATA

All TacMed Simulation™ high-fidelity simulators are operated with a long-range touchscreen remote controller which includes real-time telemetry to monitor medical interventions. Easy to use 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.

REMOTE CONTROL & SENSOR FEATURES

The remote control offers a color touchscreen for ease of operations. It provides full system operation from up to 200 yards away and includes real-time telemetry for sensor feedback and vitals data.

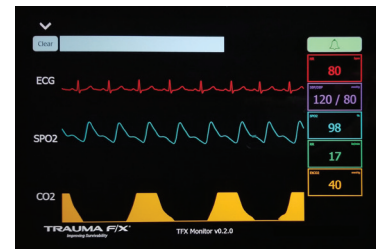


Color Touchscreen Remote Control



2-Way Communication Audio System (Speak and Hear Through Simulator)

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



Optional Vital Signs Monitor

TACMED SIMULATION™ MULTIPLE AMPUTATION TRAUMA TRAINER® (MATT™) AWARDS

AMSO Award

SBIR Award

Governors Award

Modeling & Simulation Training Team Award



TACTICAL MEDICAL UPPER

EMITT-TMU

OFFERS ADVANCED FEATURES AND TRAINING CAPABILITIES FOR EMTS, PARAMEDICS AND FIRST RESPONDERS.

PRODUCT SPECIFICATIONS

PRODUCT #	TFX-EMITT-TMU-1				
DIMENSIONS	LENGTH	WIDTH	CHEST	NECK	SHOULDERS
	36in 91.4cm	23in 58.4cm	45in 114.3cm	17.5in 44.5cm	51in 129.5cm
WEIGHT	FULL - 87lbs / 39.5kg		EMPTY - 82lbs / 37.2kg		
POWER SUPPLY	Two (2) 18V Li-ion batteries				
CASE DIMENSIONS	51"x26"x12"; 127 lbs. 129.5cm x 66cm x 30.5cm; 57.6kg				

CONTRACT VEHICLES

GSA	GS-07F-063DA
DLA ECAT	SPE2DH-18-D-0008
PEO STRI TATT II	W900KK-19-D-0005
PEO STRI VPSS	W900KK-18-D-0012
NATO Logistics Stock Exchange	LB-KGS-01N

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EMITT-TMU

The TacMed Simulation™ Emergency Medical Trauma Trainer (EMITT) is a collection of mid-fidelity medical simulators created specifically to address training requirements for civilian first responders. The EMITTactical 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 Tactical Medical 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.

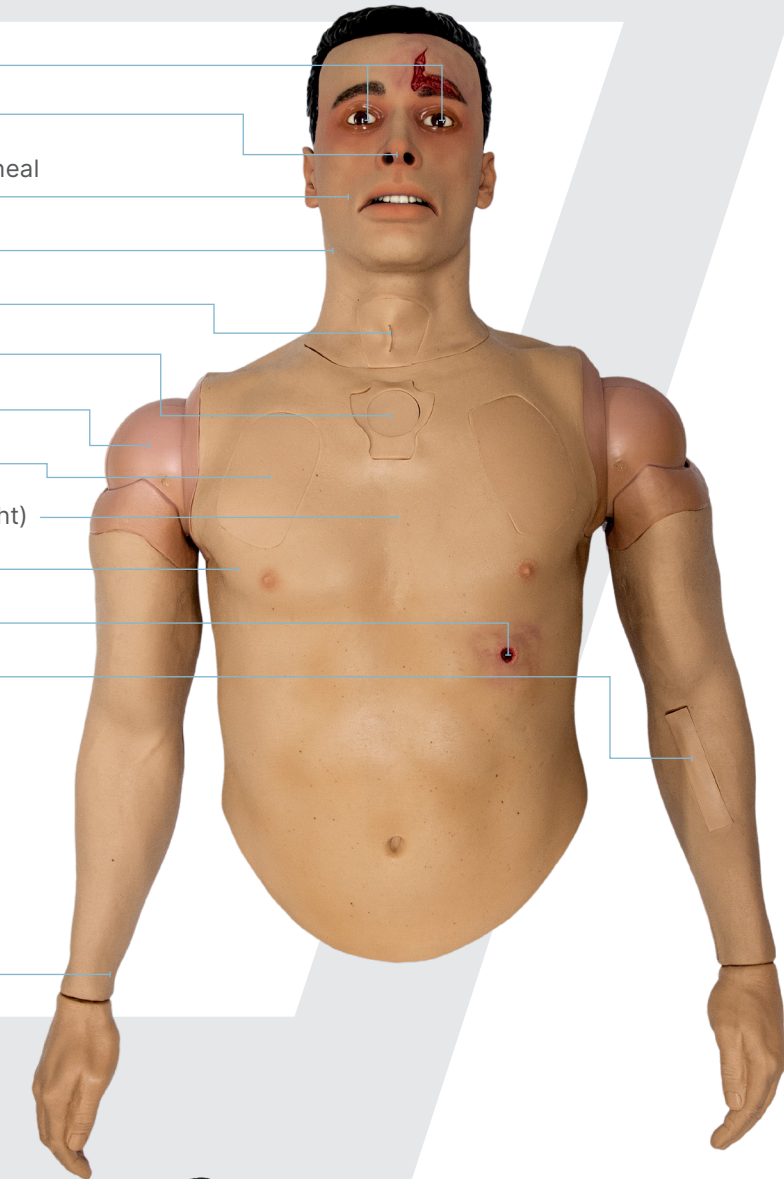


KEY BENEFITS

- ▶ Multiple sensors provide trainers/learners with instantaneous feedback for After Action Reporting via the Ruggedized Remote Control
- ▶ 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 normal, dilated 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
- ▶ Compatible with any TacMed Simulation™ lower.

FEATURES GUIDE

- Adjustable eyes
- Nasal passageways for NPA
- Flexible jaw with internal tracheal landmarks for orotracheal intubation
- Bilateral carotid pulse points
- Cricothyroidotomy
- Sternal I/O
- Humeral head I/O
- Bilateral needle decompression
- Breathing with simulated tension pneumothorax (left/right)
- Durable urethane core and life-like silicone skin
- Bubbling gunshot wound
- Infusible IV training site with flash cue
- Bilateral radial pulse points



ADDITIONAL OPTIONS



OPTIONAL LIMBS
 AMPUTATION ARM
 BURN ARM

ECG SIMULATOR

