

EMITT-TML

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

- Inguinal crease wound (bleeding status, pressure applied, and time)
- Amputation bleeding/occluded (proper tourniquet application)
- Blood loss (volume)
- Heart rate
- Blood pressure
- Patient alive/expired

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

AMSO Award

SBIR Award

Governors Award

Modeling & Simulation Training Team Award



TACTICAL MEDICAL LOWER

EMERGENCY MEDICAL TRAUMA TRAINER

EMITT-TML

CREATED SPECIFICALLY TO ADDRESS TRAINING REQUIREMENTS FOR CIVILIAN FIRST RESPONDERS.

PRODUCT SPECIFICATIONS

PRODUCT #	TFX-EMITT-TML-1		
DIMENSIONS	LENGTH	WIDTH	WAIST
	50in 127cm	14in 35.6cm	36in 91.4cm
WEIGHT	FULL - 80lbs / 40kg		EMPTY - 76lbs / 39kg
POWER SUPPLY	One (1) 18V Li-ion battery		BLOOD RESERVOIR -2 liters
CASE DIMENSIONS	62"x26"x16"; 136lbs. 157.5cm x 66cm x 40.6cm; 65.8kg		

CONTRACT VEHICLES

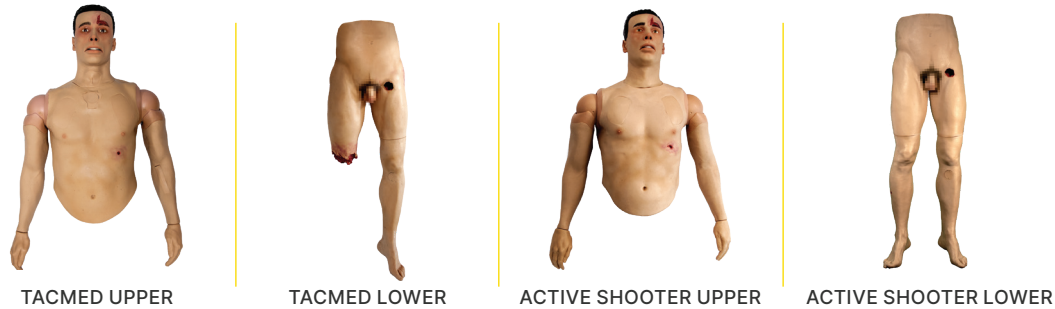
GSA	GS-07F-063DA
DLA ECAT	SPE2DH-18-D-0008
PEO STRI TATT II	W900KK-19-D-0005
PEO STRI VPSS	W900KK-18-D-0012
NATO Logistics Stock Exchange	LB-KGS-01N

EMITT-TML

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 EMITT-Tactical Medical Lower offers advanced features and training capabilities for EMTs, Paramedics and other First Responders such as a packable hemostatic wound at the inguinal crease (replicated from a gunshot exit wound) and a lower-leg amputation for tourniquet training. Constructed with a strong urethane core and realistic, durable synthetic skin, the Tactical Medical Lower is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks while training in nearly any environment or weather condition.



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



KEY BENEFITS

- ▶ Full left leg with a hemostatic wound at the inguinal crease that requires packing with gauze and the application of measurable pressure
- ▶ Arterial bleeding from the amputation requiring correct tourniquet placement
- ▶ Advanced Sensor Technology provides trainers/learners with real-time feedback of applied pressure, time to occlude bleeding, and volume of blood loss for after action reporting
- ▶ Responds to direct femoral artery pressure for immediate bleeding control
- ▶ Tibial intraosseous (I/O) infusion training site
- ▶ Packable inguinal crease and amputation wounds can be individually disabled and covered for flexibility in training scenarios
- ▶ Specially formulated synthetic tissue with unparalleled realism and durability providing visual and tactile stimuli
- ▶ Real-time feedback provided through proprietary remote control transmitter with extended operating range
- ▶ Can be used with human actors
- ▶ Water resistant
- ▶ Easy to clean and maintain after use

FEATURES GUIDE

Quick-connect attachment; compatible with any TacMed Simulation™ Upper Torso trainer

Realistic, durable skin

Solid urethane core for ruggedness

Crepitus to cue for crushed pelvis injury

Packable inguinal crease wound (which can be plugged and disabled for flexibility in training)

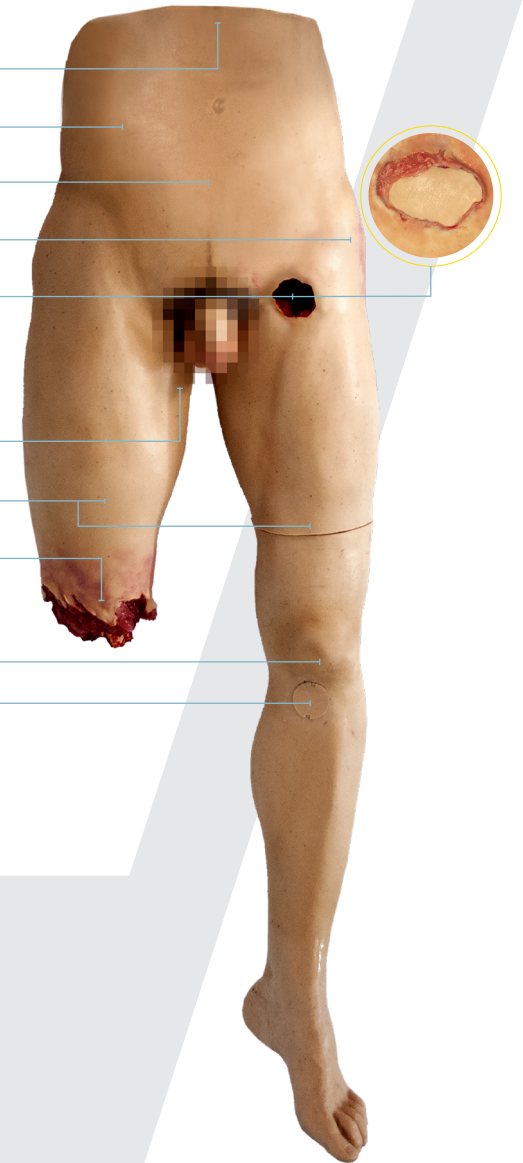
Realistic arterial line for tourniquet application at multiple points

Independent leg movement (not animatronic)

Amputation with arterial bleeding

Flexible joints

Tibial I/O



OPTIONAL FEATURES

Optional non-bleeding left leg with crush injury.

MIX & MATCH

TacMed Simulation™ upper and lower trainers can be combined in any configuration to increase training capabilities.