



# WBS-EMITT-TM

## RUGGED, DURABLE AND RELIABLE

Each TacMed Solutions™ 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 Solutions™ 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
- Airway status
- Alert, conscious, unconscious, anxious
- Intubation sensor (tracheal, esophageal, RMS, time)
- 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

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



AMSO Award



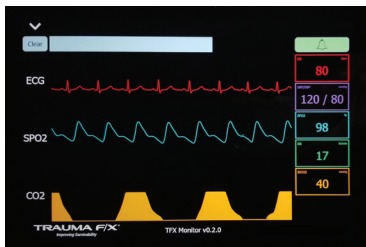
SBIR Award



Governors Award



Modeling & Simulation Training Team Award



Optional Vital Signs Monitor



# TACTICAL MEDICAL WHOLE BODY SIMULATOR EMERGENCY MEDICAL TRAUMA TRAINER

## WBS-EMITT-TM

RUGGED HIGH-FIDELITY TRAUMA SIMULATOR DESIGNED SPECIFICALLY FOR TRAINING CIVILIAN FIRST RESPONDERS AND MEDICS.

### PRODUCT SPECIFICATIONS

PRODUCT #	CAUCASIAN		AFRICAN AMERICAN		
	TFX-EMITT-TM-1		WBS-EMITT-TM-AA-1		
DIMENSIONS	LENGTH	WIDTH	CHEST	NECK	SHOULDERS
	75in 190.5cm	23in 58.4cm	45in 114.3cm	17.5in 44.5cm	51in 129.5cm
WEIGHT	FULL - 169lbs / 76.7kg			EMPTY - 161lbs / 73kg	
POWER SUPPLY	Four (4) 18V Li-ion batteries			BLOOD RESERVOIR -2 liters	

### 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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All TacMed Simulation™ products are hand-crafted in the USA.

# WBS-EMITT-TM

The TacMed Solutions™ Emergency Medical Trauma Trainer Tactical Medical (WBS-EMITT-TM-1) Whole-Body Simulator 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.

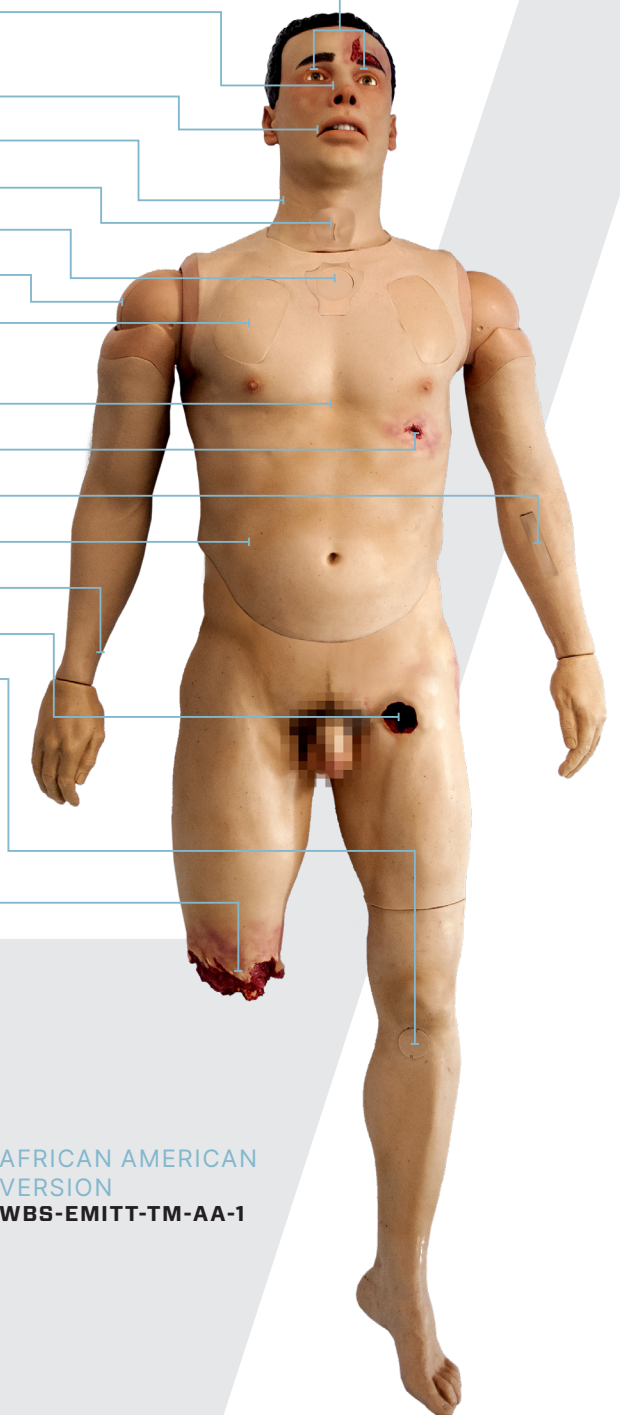


## KEY BENEFITS

- ▶ 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
- ▶ 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
- ▶ 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 Real-Time feedback of applied pressure, time to occlude bleeding, and volume of blood loss for After Action Reporting
- ▶ 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
- ▶ Bilateral radial and carotid pulses
- ▶ Water resistant
- ▶ Easy to clean and maintain after use

## FEATURES GUIDE

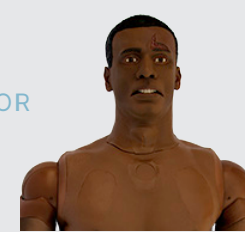
- Adjustable eyes
- Nasal passageways for NPA
- Flexible jaw with internal tracheal landmarks for orotracheal intubation
- Bilateral carotid pulse points
- Cricothyroidotomy
- Sternal I/O
- Humeral head I/O
- Bilateral needle decompression
- Breathing with simulated tension pneumothorax (left/right)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



ADDITIONAL OPTIONS



ECG SIMULATOR



AFRICAN AMERICAN VERSION  
WBS-EMITT-TM-AA-1

### OPTIONAL FEATURES

- Burn Arm
- Non-Bleeding Crushed Left Leg