TACTICAL MEDICAL/ ACTIVE SHOOTER WHOLE BODY SIMULATOR

EMERGENCY MEDICAL TRAUMA TRAINER

EMITT-TMASL

Rugged high-fidelity trauma simulator designed specifically for training civilian first responders and medics.

TACTICAL MEDICAL SOLUTIONS®

PHONE 864.224.0081
TOLL FREE 1.888.822.6331
FAX 864.224.0064
E-MAIL info@tacmedsolutions.com
WEB tacmedsolutions.com

1250 Harris Bridge Road, Anderson, SC 29621, USA

VERSION 2.1

Tactical Medical Solutions® is a global leading developer and manufacturer of pre-hospital medical gear for the tactical and civilian world.

We currently have over 2,000 products available and a presence in 70 countries around the world. Here at home, we service 7 of the top 10 police departments, including the NYPD and LAPD, as well as major fire and EMS agencies.

We're proud to say that when customers think of TacMed™, they think uncompromising - uncompromising commitment to delivering top-quality products, tactical knowledge, customized training, and reliability in the field.

TACTICAL MEDICAL/ ACTIVE SHOOTER WHOLE BODY SIMULATOR

EMERGENCY MEDICAL TRAUMA TRAINER EMITT-TMASL

PRODUCT NUMBER		TFX-EMITT-TMASL-1
DIMENSIONS	LENGTH	75”
	WIDTH	23”
	CHEST	45”
	NECK	17.5”
	SHOULDERS	51”
WEIGHT	FULL	176 lbs.
	EMPTY	167 lbs.
POWER SUPPLY		Three (3) 18V Li-ion battery
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

The **TraumaFX® Emergency Medical Trauma Trainer Tactical Medical/ Active Shooter** (**WBS EMITT-TMASL**) **Whole-Body Simulator** is a high-fidelity medical simulator created specifically to address training requirements for medics and civilian first responders. The **EMITT-TMASL** offers advanced features and training capabilities such as breathing, intubation, tension pneumothorax, a bubbling chest wound, IV, bleeding gunshot wound, packable wound, and more. Constructed with a strong urethane core and realistic, durable synthetic skin, the **TMASL** is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks while training in nearly any environment or weather condition.

EMITT-TMASL KEY BENEFITS

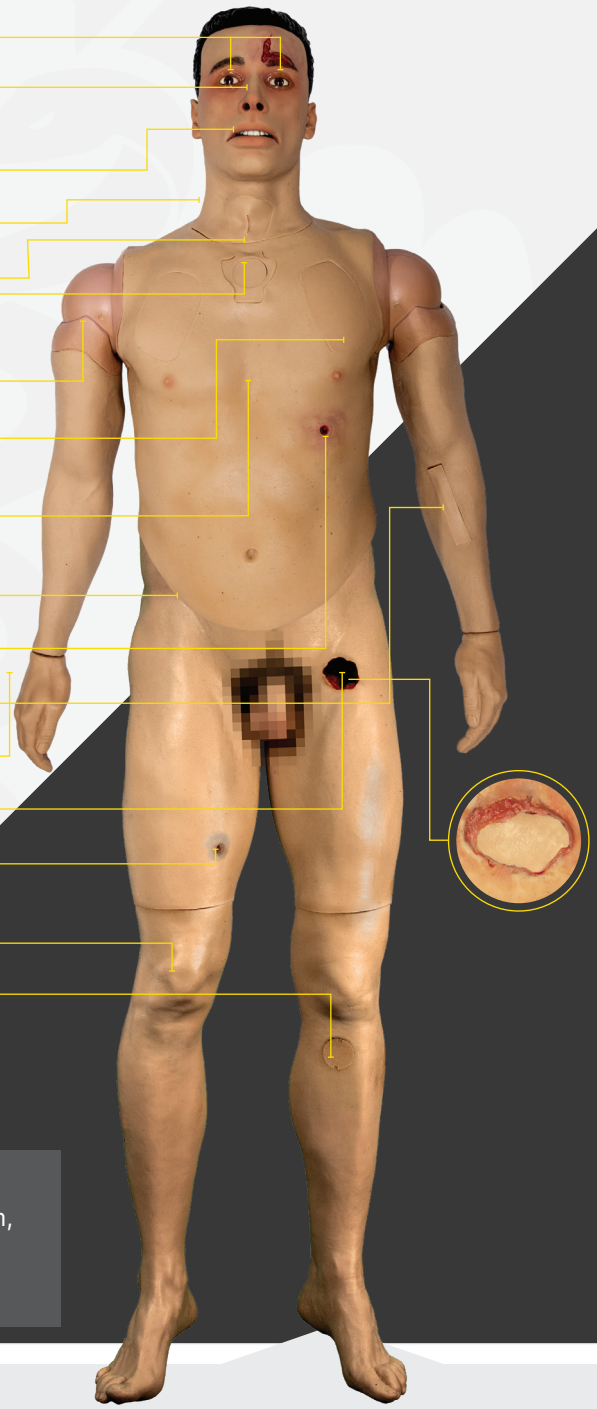
- Multiple sensors provide trainers/learners with instantaneous feedback for After Action Reporting (AAR) via the ruggedized remote control
- Simulated Breathing with selectable Left/Right tension pneumothorax
- Flexible jaw with internal tracheal landmarks for orotracheal intubation
- BVM ventilation 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, manubrium and tibia intraosseous infusion training sites
- 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 on back
- Hemostatic wound at the inguinal crease that requires packing with gauze and the application of measurable pressure
- Arterial bleeding from the gunshot requiring correct tourniquet placement
- Responds to direct femoral artery pressure for immediate bleeding control
- Specially formulated synthetic tissue with unparalleled realism and durability providing visual and tactile stimuli
- Instantaneous sensor feedback provided through proprietary RC transmitter with extended operating range
- Can be used with human actors
- Water resistant
- Easy to clean and maintain after use
- Optional two-way audio communication
- Optional arms include burn and non-bleeding amputation
- Optional non-bleeding lower leg with crush injury

TACTICAL MEDICAL/ ACTIVE SHOOTER WHOLE BODY SIMULATOR

EMERGENCY MEDICAL TRAUMA TRAINER EMITT-TMASL

EMITT-TMASL 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
- Packable hemostatic wound
- Gunshot wound with arterial bleeding (Can be covered and disabled)
- Flexible joints
- Tibial I/O



OPTIONAL

Burn arm, non-bleeding amp arm, and non-bleeding lower leg w/ crush injury.

TACTICAL MEDICAL WHOLE BODY SIMULATOR

EMERGENCY MEDICAL TRAUMA TRAINER EMITT-TM

RUGGED, DURABLE AND RELIABLE

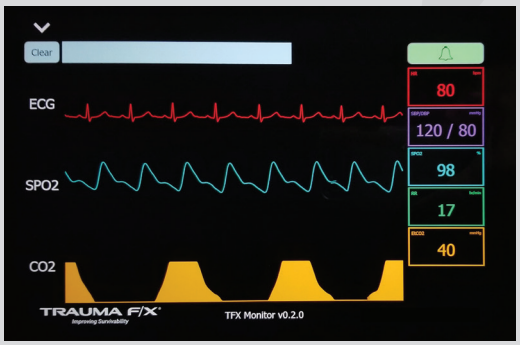
Each TraumaFX® product is designed from the ground up for ruggedness and durability with careful consideration of materials and manufacturing processes to create products that last. They are water resistant and can be used in nearly any weather condition or environment, and can be transported in any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

REMOTE CONTROLLED WITH REAL-TIME SENSOR DATA

All TraumaFX® high-fidelity simulators are operated 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.

2-way communication audio system (speak and hear through simulator).

Optional Vital Signs Monitor.



REMOTE CONTROL AND 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.

SENSOR AND VITALS DATA

- 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)
- Gunshot wound bleeding/ occluded (proper tourniquet application)
- Blood loss (volume)
- Heart rate
- Blood pressure
- Patient alive/expired

TraumaFX® Multiple Amputation Trauma Trainer (MATT)® Awards

AMSO Award	SBIR Award
Governors Award	Modeling & Simulation Training Team Award

All **TraumaFX®** products are handcrafted in the USA.

Confidentiality Notice:
TraumaFX® and Multiple Amputation Trauma Trainer (MATT)® are registered trademarks of TraumaFX® Solutions, Inc. This document contains protected information and its contents constitute Confidential and Proprietary Information. Any unauthorized use, disclosure or distribution is strictly prohibited without prior written consent by an authorized TraumaFX® associate.

YOUR EQUIPMENT SHOULD **NEVER** BE A COMPROMISE.

Copyright © 2020, TACTICAL MEDICAL SOLUTIONS®, LLC