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# TACMED SIMULATION™

PRODUCT CATALOG



# TABLE OF CONTENTS

## WHOLE-BODY SIMULATORS

- 2 WBS-HEMO-PB
- 2 WBS-CRU-R
- 3 WBS-EMITT-TM
- 3 WBS-MATT-PB
- 4 WBS-EMITT-AS

## HIGH-FIDELITY SIMULATORS

- 6 APL-PB
- 6 CRU-R
- 7 EMITT-TMU
- 8 HEMO
- 8 CRL
- 9 MATT™
- 9 HEMO-G

## MID/LOW FIDELITY SIMULATORS

- 11 APL
- 11 EMITT-ASU
- 12 EMITT-ASL
- 12 EMITT-TML
- 13 NICL
- 13 MATT-ACE

## K9 SIMULATORS

- 15 K9 HERO
- 15 K9 DIESEL

## TASK TRAINERS

- 16 PACKABLE WOUND TRAINER
- 17 HCST - CLASSROOM
- 17 TOURNIQUET TASK TRAINER ARM
- 18 APL - CLASSROOM
- 18 CHEST TRAINER

## TACMED™ SIMULATION RENTAL PROGRAM

- 19 INDIVIDUAL RENTABLE SIMULATORS
- 19 RENTAL BUNDLE OPTIONS

## ACCESSORIES & CONSUMABLES

- 20 VITAL SIGNS MONITOR
- 20 MASTER CONTROLLER
- 21 ECG SIMULATOR
- 21 TOUCHSCREEN REMOTE CONTROL
- 22 PROSTHETIC LEG COVER
- 22 K9 SKIN & PROCEDURE SITE PRODUCTS
- 22 BODY PART ACCESSORIES
- 23 HUMAN SKIN & PROCEDURE SITE PRODUCTS
- 24 ADDITIONAL ACCESSORIES

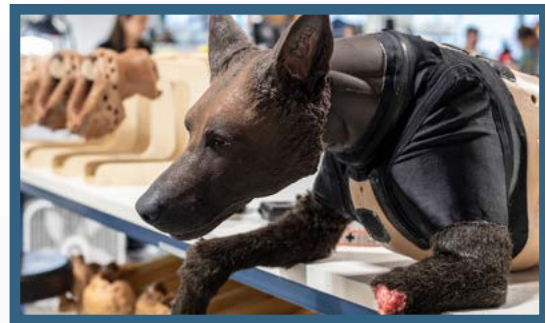
# WHO WE ARE

TacMed Simulation™ was first developed under a research and development contract with the U.S. Army ARL-STTC to design and build a new medical training system for the treatment of severe blast trauma. The resulting technology was so effective and well received that TacMed Simulation™ was launched as a commercial product line. Today we have a broad portfolio of training systems to meet almost any need.



## CREATIVE SOLUTIONS

We design innovative simulation solutions leveraging the talents and leadership of artists and technicians who honed their skills working for over 25 years in Lucasfilm's motion picture special effects division, Industrial Light and Magic (ILM).



## BUILT TO LAST

We specialize in high-fidelity, ruggedized simulators to deliver the most lifelike experience for trainees while enabling field exercises in any environment and in any weather condition.



## LIFELIKE PHYSIOLOGY

The highly realistic appearance combined with lifelike feel, anatomical fidelity, autonomous response to treatment, and accurate weight create an immersive training experience unlike any other medical patient simulator.



## REAL-TIME SENSOR DATA

Advanced sensors monitor medical interventions and patient status, transmitting that data wirelessly, in real time, to the ruggedized remote control so trainers can evaluate student performance as it happens.





## WHOLE-BODY SIMULATORS

Our Whole-Body Simulators (WBS) deliver a uniquely realistic training experience for medics and first responders. As the student administers treatment, our untethered, battery-operated manikins respond autonomously to treatment and deliver instant feedback of performance via the easy-to-use remote control.

Constructed with a durable urethane core and specially formulated, lifelike silicone skin, the simulators are designed to operate in austere conditions and tough, outdoor scenarios.

Each WBS system consists of an upper and lower torso that disconnect for easier storage and transportation. When assembled, the simulator functions as a complete human body and can be operated by a single remote control. Injuries, bleeding, and interventions performed (or not performed) affect overall patient health and vitals.





## WBS-CRU-R

- CAUCASIAN: TFX-WBS-CR-1
- AFRICAN AMERICAN: WBS-CR-AA-1

The **Whole-Body Simulator Clinical Response Upper - Resuscitate (WBS-CRU-R)** was created specifically to address the treatment of traumatic injuries to deliver a uniquely realistic training experience for medics and first responders. Ideal for Prolonged Field Care, the system is an extremely effective multipurpose training tool allowing learners to perform a wide range of critical life-saving tasks.

In addition to core trauma injuries and interventions such as hemorrhage control and airway management, the WBS-CRU-R offers advanced clinical features such as light-reactive eyes, blood pressure (with any standard BP cuff), heart and breath sounds, burns to the right arm, CPR, Foley catheter with urine release, and multiple pulse points.

### KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- NCD w/ Air Release & Feedback
- Bilateral Chest Tube Insertion
- Bleeding & Occlusion Feedback
- Amputation & Packable Wound
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Animatronic Movement

## WBS-HEMO-PB

- CAUCASIAN: TFX-WBS-HPB-1
- AFRICAN AMERICAN: TFX-HPB-AA-1

The **Whole-Body Simulator HEMO-PB (WBS-HEMO-PB)** is a rugged, realistic full body trainer for the treatment of severe trauma. Purpose-built for field exercises and for use in any weather or environment, the WBS HEMO-PB offers realistic leg movement and lifelike arterial bleeding that delivers ultra-high-fidelity training for a truly immersive learning experience. It also incorporates a deep wound at the inguinal crease for hemostatic training.

Learners can use field techniques such as hand, knee and elbow pressure to occlude bleeding. It offers pulses, breathing, and real-time feedback through our long-range remote control, and users can physically locate both radial and carotid pulses, assess breathing patterns, and use this information to perform appropriate interventions.

### KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- NCD w/ Air Release & Feedback
- Bilateral Chest Tube Insertion
- Bleeding & Occlusion Feedback
- Amputation & Packable Wound
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Animatronic Movement





## WBS-MATT-PB

■ CAUCASIAN: TFX-WBS-MPB-1

■ AFRICAN AMERICAN: TFX-MPB-AA-1

The **Whole-Body Simulator Multiple Amputation Trauma Trainer® (MATT™) Pulses & Breathing (WBS-MATT-PB)** is a rugged, realistic full body trainer for the treatment of severe trauma. Purpose-built for field exercises and for use in any weather or environment, the WBS-MATT-PB offers realistic leg movement and lifelike arterial bleeding that delivers ultra-high-fidelity training for a truly immersive learning experience. It also incorporates pulses, breathing, and real-time feedback through our long-range remote control.

Using the WBS-MATT-PB, learners can use field techniques such as hand, knee and elbow pressure to occlude bleeding. They can physically locate both radial and carotid pulses, assess breathing patterns, and use this information to perform appropriate interventions.

### KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- NCD w/ Air Release & Feedback
- Bilateral Chest Tube Insertion
- Bleeding & Occlusion Feedback
- Amputation & Packable Wound
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Animatronic Movement

## WBS-EMITT-TM

■ CAUCASIAN: TFX-EMITT-TM-1

■ AFRICAN AMERICAN: WBS-EMITT-TM-AA-1

The **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 WBS-EMITT-TM offers advanced features and training capabilities such as breathing, intubation, tension pneumothorax, a sucking chest wound, infusible 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 FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- Needle Decompression
- Intraosseous infusion
- Bleeding & Occlusion Feedback
- Amputation & Packable Wound
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Optional: Amputation & Burn Arm





## WBS-EMITT-AS

■ CAUCASIAN: TFX-EMITT-AS-1

■ AFRICAN AMERICAN: WBS-EMITT-AS-AA-1

The **Whole-Body Simulator Emergency Medical Trauma Trainer-Active Shooter (WBS-EMITT-AS)** offers advanced features and training capabilities for Police, Fire, EMTs, Paramedics and other First Responders. It includes a packable hemostatic wound at the inguinal crease (replicated from a gunshot exit wound), a gunshot wound to the thigh with arterial bleeding, and a sucking chest wound.

Constructed with a strong urethane core and realistic, durable synthetic skin, the WBS-EMITT-AS 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 FEATURES

- Realistic Airway: OPA, NPA
- Intubation
- Sucking Chest Wound
- Needle Decompression
- Intraosseous Infusion
- Bleeding & Occlusion Feedback
- Gunshot & Packable Wound
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Optional: Amputation & Burn Arm





## HIGH-FIDELITY SIMULATORS

Our high-fidelity simulators deliver the ultimate training experience with advanced features such as animatronic leg movement, breathing, bleeding, and autonomous response to treatment. Constructed with a strong urethane core and realistic, durable synthetic skin, TacMed Simulation™ simulators are designed from the ground up for ruggedness and durability.

Ideal for scenario-based field training, our untethered, battery-operated manikins can be used in nearly any weather condition or environment for a truly immersive experience. Our flexible, modular platform allows upper and lower body simulators to be combined in any configuration to deliver an optimal training solution.



## CRU-R

### ■ CAUCASIAN: TFX-CRU-1

The **Clinical Response Upper - Resuscitate (CRU-R)** delivers high-fidelity training capabilities for the treatment of traumatic upper body injuries as well as advanced clinical features for cardiac life support and resuscitation.

Ideal for Prolonged Care, Emergency Room, and ACLS/ALS training, the CRU-R is an extremely effective multipurpose training tool allowing learners to perform a wide range of critical life-saving tasks. The CRU-R is designed to operate in clinical settings or rugged, outdoor scenarios.

#### KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- NCD w/ Air Release & Feedback
- Bilateral Chest Tube Insertion
- Radial, Brachial & Carotid Pulses
- CPR with Sensors for Depth/Rate
- Central Line (Subclavian)
- Real-Time Feedback on Remote
- Light-Reactive Eyes

## APL-PB

### ■ CAUCASIAN: TFX-APLPB-1

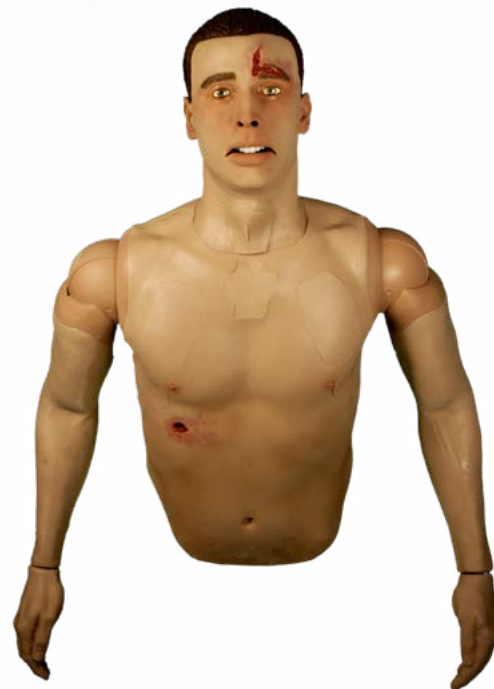
### ■ AFRICAN AMERICAN: TFX-APLPB-AA-1

The **Airway Plus Lifecast - Pulses & Breathing** medical simulator was created specifically to address the treatment of traumatic upper body injuries and incorporates pulses, breathing, and real-time feedback to create a uniquely realistic training experience for medics and first responders.

It is an extremely effective multipurpose training tool allowing learners to perform critical life-saving tasks that include maintaining an airway, needle decompression, cricothyroidotomy, intraosseous infusion, and chest tube insertion.

#### KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Cricothyroidotomy
- Simulated Tension Pneumothorax
- NCD w/ Air Release & Feedback
- Bilateral Chest Tube Insertion
- Radial & Carotid Pulses
- BVM Response
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Adjustable Eyes







## EMITT-TMU

### ■ CAUCASIAN: TFX-EMITT-TMU-1

The **Emergency Medical Trauma Trainer Tactical Medical Upper (EMITT-TMU)** 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.

The EMITT-TMU 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 FEATURES

- Active Breathing
- Intubation & Cricothyroidotomy
- Sucking Chest Wound (Bubbling)
- Needle Decompression
- Oropharyngeal Airway (OPA)
- Nasopharyngeal Airway (NPA)
- Radial and Carotid Pulses
- Infusible IV with Flash Cue
- Real-Time Feedback on Remote
- Adjustable Eyes



## CRL

### ■ CAUCASIAN: TFX-CRL-1

The **Clinical Response Lower (CRL)** is a ruggedized, tetherless, remote-controlled human patient medical trainer that delivers high-fidelity realism and durability creating the most authentic simulation of traumatic injuries to support the Continuum of Care – Point of Injury (POI), Secondary Care and Prolonged Field Care.

The CRL adds to the robust capabilities of the Multiple Amputation Trauma Trainer® (MATT™) and Packable Hemostatic (HEMO) Trauma Trainer and delivers a full left leg with a bleeding wound at the inguinal crease for hemostatic wound training, catheterization capabilities, and a traumatic amputation of the right leg requiring a tourniquet.

### KEY FEATURES

- Amputation & Packable Wound
- Bleeding & Occlusion Feedback
- Pedal & Bilateral Femoral Pulses
- Animatronic Movement
- Crepitus
- Tourniquet Training
- Intramuscular injection
- Intraosseous Infusion (Tibial)
- Foley Catheter Insertion
- Real-Time Feedback on Remote

## HEMO

### ■ CAUCASIAN: TFX-HEMO-1

### ■ AFRICAN AMERICAN: TFX-HEMO-AA-1

The **Packable Hemostatic Trauma Trainer (HEMO)** is a ruggedized, untethered, remote-controlled human patient medical trainer that provides the most authentic simulation of traumatic lower blast injury. State-of-the-art sensor technology provides real-time feedback that takes the guesswork out of trauma simulation.

HEMO features a full left leg with a bleeding wound at the inguinal crease for hemostatic wound training, venous bleeding at the lower leg, and a traumatic amputation of the right leg requiring a tourniquet. Medics and first responders also learn how to treat a boot top simple fracture of the tibia or fibula that has open, avulsed, and irregular wounds caused by an explosion.

### KEY FEATURES

- Full Motion Legs
- Amputation & Packable Wound
- Bleeding & Occlusion Feedback
- Crush Injury w/ Venous Bleeding
- Animatronic Movement
- Crepitus
- Tourniquet Training
- Intraosseous Infusion (Tibial)
- Remote Controlled
- Real-Time Feedback on Remote







## HEMO-G

### ■ CAUCASIAN: TFX-HEMOG-1

The **Packable Hemostatic Trauma Trainer Gunshot Wound (HEMO-G)** is a ruggedized, untethered, remote-controlled human patient medical trainer that provides the most authentic simulation of traumatic lower blast injury. State-of-the-art sensor technology provides real-time feedback that takes the guesswork out of trauma simulation.

HEMO-G features a full left leg with a bleeding wound at the inguinal crease for hemostatic wound training, gunshot wound to the thigh with arterial bleeding requiring a tourniquet, and a traumatic amputation of the right leg requiring a tourniquet.

#### KEY FEATURES

- Full Motion Legs
- Amputation & Packable Wound
- Bleeding & Occlusion Feedback
- Gunshot Wound
- Animatronic Movement
- Crepitus
- Tourniquet Training
- Intraosseous Infusion (Tibial)
- Remote Controlled
- Real-Time Feedback on Remote

## MATT™

### ■ CAUCASIAN: TFX-LO-1

### ■ AFRICAN AMERICAN: TFX-MATT-AA-1

The **Multiple Amputation Trauma Trainer® (MATT™)** is a ruggedized, untethered, remote controlled trauma trainer that delivers high fidelity simulations of lower body injuries commonly caused by IEDs and other explosive devices.

Jointly developed with the U.S. Army Research Laboratory Simulation and Training Technology Center (ARL-STTC), MATT™ employs state-of-the-art special effects materials and technologies to deliver incredibly realistic visual and tactile stimuli with lifelike response to treatment. State-of-the-art sensor technology provides real-time feedback that takes the guesswork out of trauma simulation training.

#### KEY FEATURES

- Full Motion Legs
- Dual-Leg Amputation
- Bleeding & Occlusion Feedback
- Simulated Wounds
- Tourniquet Training
- Crepitus
- Remote Controlled
- Real-Time Feedback on Remote







## MID/LOW FIDELITY SIMULATORS

TacMed Simulation™ mid and low-fidelity simulators offer the same realistic look and feel as our high-fidelity systems with limited animatronic features. TacMed Simulation™ mid and low-fidelity systems are ideal for organizations looking for an improved visual and tactile experience along with ruggedness for field training, but don't require advanced functionality.

Constructed with a strong urethane core and realistic, durable synthetic skin, TacMed Simulation™ simulators are ideal for scenario-based field training and can be used in nearly any weather condition or environment for a truly immersive experience. Our flexible, modular platform allows upper and lower body simulators to be combined in any configuration (high, mid or low-fidelity) to deliver an optimal training solution.





## EMITT-ASU

### ■ CAUCASIAN: TFX-EMITT-ASU-1

The **Emergency Medical Trauma Trainer Active Shooter Upper (EMITT-ASU)** is a collection of mid-fidelity medical simulators that were created to address training requirements for civilian first responders. The EMITT-ASU is a low-cost, non-powered trainer designed for use with an EMITT or other TacMed Simulation™ Lower simulator.

Constructed with a strong urethane core and realistic, durable synthetic skin, the EMITT-ASU is ideal for field training exercises involving an active shooter threat. It offers critical training elements such as a sucking (bubbling) gunshot wound to the chest, needle decompression, reinforced silicone arms with articulating shoulders and full arm rotation, and adjustable eyes.

#### KEY FEATURES

- Intubation & Airway Management
- Sucking Chest Wound
- Needle Decompression
- Oropharyngeal Airway (OPA)
- Nasopharyngeal Airway (NPA)
- IV Insertion
- Adjustable Eyes
- Movable Jaw

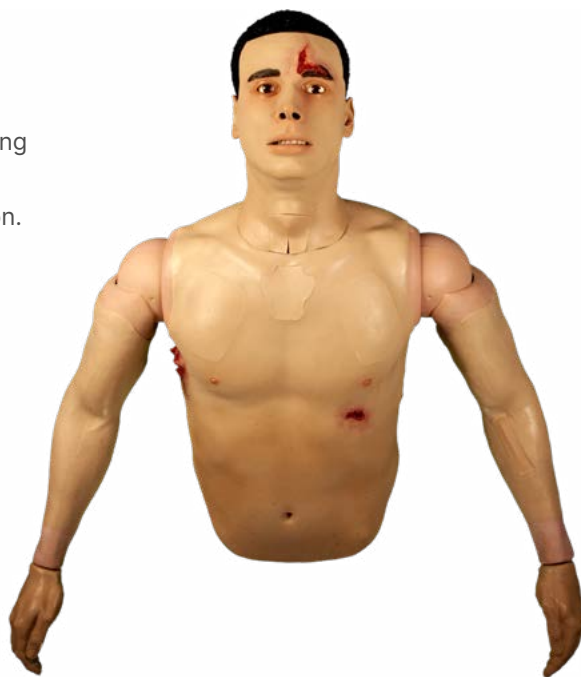
## APL

### ■ CAUCASIAN: TFX-APL-1

The **Airway Plus Lifecast (APL)** trains responders to perform life-saving tasks such as maintaining a patient's airway, needle decompression, chest tube insertion, cricothyroidotomy, and Intraosseous (I/O) infusion.

#### KEY FEATURES

- Intubation & Airway Management
- IV Insertion
- Needle Decompression
- Oropharyngeal Airway (OPA)
- Nasopharyngeal Airway (NPA)
- Intraosseous (I/O) infusion
- Adjustable Eyes
- Movable Jaw
- Cricothyroidotomy
- Chest Tube Insertion





## EMITT-TML

### ■ CAUCASIAN: TFX-EMITT-TML-1

The **Emergency Medical Trauma Trainer Tactical Medical Lower (EMITT-TML)** 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.

#### KEY FEATURES

- Packable Wound
- Amputation & Arterial Bleeding
- Bleeding & Occlusion Response
- Tourniquet Training
- Simulated wounds
- Crepitus
- Remote Controlled
- Real-Time Feedback on Remote

## EMITT-ASL

### ■ CAUCASIAN: TFX-EMITT-ASL-1

### ■ AFRICAN AMERICAN: TFX-EMITT-ASL-AA-1

The **Emergency Medical Trauma Trainer Active Shooter Lower (EMITT-ASL)** offers advanced features and training capabilities for Police, Fire, EMTs, Paramedics and other First Responders. It includes a packable hemostatic wound at the inguinal crease (replicated from a gunshot exit wound) and a gunshot wound to the thigh with arterial bleeding.

Constructed with a strong urethane core and realistic, durable synthetic skin, the Active Shooter 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.

#### KEY FEATURES

- Packable Wound
- Gunshot Wound w/ Bleeding
- Bleeding & Occlusion Response
- Tourniquet Training
- Intraosseus Infusion (Tibial)
- Simulation Wounds
- Remote Controlled
- Real-Time Feedback on Remote







## MATT-ACE

■ CAUCASIAN: TFX-ACE-1

The **Multiple Amputation Trauma Trainer® (MATT™) Abdominal Casualty Expectant (MATT-ACE)** delivers unparalleled realism and durability, creating the most authentic simulation of a severe abdominal injury.

Extraordinary visual and tactile realism helps build desensitization to expectant injuries, allowing Medics, Corpsmen, Soldiers, and First Responders to appropriately triage combat casualties.

### KEY FEATURES

- Dual-Leg Amputation
- Tourniquet Training
- Simulated Wounds

## NICL

■ CAUCASIAN: TFX-NICL-1

The **Non-Injured Complete Lower (NICL)** is a lower trainer specifically created to connect with any TacMed Simulation™ upper torso trainer for simulations not requiring injuries to the lower portion of the body.

### KEY FEATURES

- Realistic Weight
- Lifelike Joint Movement





## K9 SIMULATORS

Designed in partnership with the Department of Defense (DoD), TacMed Simulation™ Canine Medical Trainers are full-body medical patient simulators for operational canine handlers and first responders, military working dog (MWD) handlers, veterinarians, and veterinary technicians.

Each K9 offers authentic weight and feel, lifelike joints, anatomically accurate intervention sites, and hydrophobic fur which can be removed and washed easily.

Like all our simulators, our K9 line was designed from the ground up for ruggedness and durability to withstand the rigors of real-world scenario training in nearly any weather or environment.





## K9 DIESEL

TFX-K9-DSL-1

The **Advanced Canine Medical Trainer (K9 DIESEL)** is a full-body simulator for Operational Canine First Responders, Military Working Dog (MWD) handlers, Veterinarians, and Veterinary Technicians. Designed in partnership with the Department of Defense (DoD), K9 Diesel is a state-of-the-art skills trainer that includes active breathing, audio queues and over 28 different features and medical intervention sites.

All training sites are designed to replicate the look, feel, and function of actual medical procedures. Interchangeable limbs and injuries provide greater flexibility to vary wound patterns.

### KEY FEATURES

- Realistic Airway & Breathing
- Intubation & Tracheostomy
- Simulated Tension Pneumothorax
- NCD, GDV w/ Air Release
- CPR
- Bleeding & Occlusion Feedback
- Interchangeable Limb Options
- Packable Junctional Wounds
- IV Training (Bilateral) w/ Flash
- Real-Time Feedback on Remote



## K9 HERO

TFX-K9-HERO-1

The **Canine Medical Trainer (K9 HERO)** is a state-of-the-art skills trainer for novices and experienced alike. Designed in partnership with the Department of Defense (DoD), all training sites are realistic to replicate the look, feel, and function of actual medical procedures. The exterior of the simulator has been hand-sculpted to mimic a Belgian Malinois and is covered in durable, non-staining synthetic fur.

K9 Hero allows learners to perform critical life-saving tasks such as maintaining an airway, needle decompression/thoracocentesis, hemostasis, IV insertion, Intraosseous (I/O) infusion, Cardiopulmonary Resuscitation (CPR), tracheostomy, and bandaging.

### KEY FEATURES

- Realistic Airway (NPA, OPA)
- Intubation & Tracheostomy
- Packable Wound
- Needle Decompression
- IV Training (Bilateral) w/ Flash
- Bilateral Femoral Pulses
- Movable Jaw
- Remote Controlled
- Real-Time Feedback on Remote
- Realistic Skeletal Motion







# TASK TRAINERS

**TacMed Simulation™** Task Trainers are classroom-style simulators designed to teach fundamental medical skills for critical interventions related to traumatic injuries. Each task trainer is rugged and durable to withstand repeated use.

Our self-healing skin allows numerous procedures without having to change components, reducing reset times and lowering the cost of consumables. It also prevents visible marks so students are forced to use anatomical landmarks to find intervention sites, rather than relying on marked indicators or signs of previous procedures.



## PACKABLE WOUND TRAINER

### ■ CAUCASIAN: TFX-T-PWT-1

The **Packable Wound Trainer (PWT)** is a ruggedized task trainer with a simulated hemostatic wound. The PWT is composed of lifelike synthetic skin and includes a hemostatic wound providing trainees with the ability to execute critical patient treatment such as wound packing and compression training. The PWT functions as a stand-alone skills station during the early phases of training.

#### KEY FEATURES

- Basic Skills Trainer
- Packable Wound
- Hemostasis
- Sensor & LEDs Indicate Correct Pressure & Time
- Optional Bleeding w/ Syringe





## TOURNIQUET TASK TRAINER ARM

■ CAUCASIAN: 87-0079

The **Tourniquet Task Trainer Arm** is a rugged, hyper-realistic hemorrhage control training solution designed for teaching proper tourniquet application both in the classroom and in field scenarios. Its unmatched lifelike design looks identical to human tissue, and the arm is durable with self-healing properties to withstand repeated use.

The Tourniquet Task Trainer Arm replicates a full-length human arm with a gunshot entry wound. It can function as a dry or wet stand-alone skill station for trainees to develop muscle memory to make critical, lifesaving interventions with a tourniquet.



### KEY FEATURES

- Integrated Gunshot Wound
- Lifelike Detail
- Full-Arm Design
- Self-Healing Skin
- Integrated Vessel System for Simulated Bleeding

## HCST - CLASSROOM

■ CAUCASIAN: TFX-APL-C-1

The **Hemorrhage Control Skills Trainer - Classroom (HCST-C)** is a medical intervention simulator designed to teach fundamental skills for tourniquet application and hemostatic wound packing. Anatomical fidelity and lifelike skin provide a powerful haptic training experience to develop familiarity and muscle memory for different interventions.

The HCST-C is ideal for teaching learners how to make critical decisions such as the type of treatment to apply, then use anatomical landmarks such as the greater trochanter to perform proper interventions.

### KEY FEATURES

- Packable Wounds
- Amputation
- Tourniquet Training





## CHEST TRAINER

### ■ CAUCASIAN: TFX-T-CT-1

The **Chest Trainer** is a ruggedized partial upper torso medical simulator that helps trainees during the early phases of training to treat patients requiring needle decompression and intraosseous (I/O) infusion.

The torso includes a simulated partial rib cage and sternum. Students learn to locate realistic anatomic landmarks to execute critical patient treatment without relying on marked indicators.

#### KEY FEATURES

- Basic Skills Trainer
- Intraosseous (I/O) Infusion
- Needle Decompression

## APL - CLASSROOM

### ■ CAUCASIAN: TFX-C-APL-1

The **Airway Plus Lifecast - Classroom (APL-C)** can be used during early phases of training. It trains responders to perform life-saving tasks such as maintaining a patient's airway, needle decompression, cricothyroidotomy, and Intraosseous (I/O) infusion.



#### KEY FEATURES

- Airway Management
- Intubation
- Oropharyngeal Airway (OPA)
- Nasopharyngeal Airway (NPA)
- Cricothyroidotomy
- Needle Decompression
- Intraosseous (I/O) Infusion
- Simulated Wounds





# TACMED™ SIMULATION RENTAL PROGRAM

The TacMed™ Simulation Rental Program is designed to provide first responders, military personnel, and emergency response teams with the ability to train using equipment that simulates real-world trauma environments.

The program features human and K9 simulators that provide realistic trauma injury experiences through high and low fidelity features. You have the ability to choose from multiple package options and individual simulators to meet your specific training needs.

## RENTAL BUNDLE OPTIONS



STOP THE BLEEDING BUNDLE



TECC BUNDLE



K9 TCCC BUNDLE

## INDIVIDUAL RENTABLE SIMULATORS



WBS-HEMO-PB



K9 DIESEL



TOURNIQUET TASK  
TRAINER ARM



PACKABLE WOUND  
TRAINER



CHEST TASK TRAINER



MEDICAL TRAINING  
CONSUMABLES BUNDLE



EMITT-TMU +  
EMITT-ASL

The rental program is a perfect addition to our one-stop-shop TacMed™ portfolio that focuses on our three core tenets: Equip, Train, Protect.

\*Rental options and pricing are subject to change, please contact us for current offerings.

VISIT [TACMEDSOLUTIONS.COM/PAGES/RENTAL-PROGRAM](https://TACMEDSOLUTIONS.COM/PAGES/RENTAL-PROGRAM) TO SIGN UP

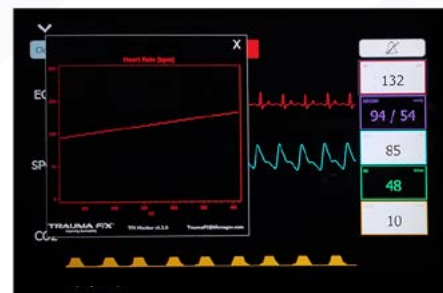
# ACCESSORIES & CONSUMABLES

## VITAL SIGNS MONITOR

TFX-VSM-1

The **Vital Signs Monitor (VSM)** delivers accurate, real-time visual displays of vital sign data for compatible simulators. A wireless, touch-screen tablet system, the VSM presents data provided by long-range remote control, allowing instructors to modify and monitor vital signs without interfering with scenarios, making it ideal for field training or clinical settings. Rapid response physiology ensures changes in vital signs are physically observable on the simulator immediately, delivering a more authentic training experience for learners. Standardized data, accurate waveforms, and familiar layout offer easy operations.

Compatible with Clinical Response Upper (CRU), Clinical Response Upper Resuscitate (CRU-R), AirwayPlus Lifecast Pulses and Breathing Upper (APL-PB), Emergency Medical Trauma Trainer Tactical Medical Upper (EMITT-TMU), AirwayPlus Lifecast Intubation/Packable (APL-IP), and AirwayPlus Lifecast Intubation/Amputation (APL-IA) simulators.



## MASTER CONTROLLER

TFX-MCON-1

The **Master Controller** is a wireless RC controller with touchscreen interface. Allows instructors to simultaneously manage up to 24 TacMed Simulation™ simulators, greatly improving the effectiveness of limited critical training resources. 'Global Glance' provides a real-time view of the health status with auto alerts (red/green) of each paired unit.



## TOUCHSCREEN REMOTE CONTROL

KGS-TFX-REM-1

The **Touchscreen Remote Control (TSR)** is customized to operate and communicate with all upper and lower units. The large color LCD screen is housed within a customized frame to withstand the rigors of field training in any environment. To improve the effectiveness of training, modifications to scenario parameters and vital signs can be adjusted quickly and transmitted wirelessly to units via the TSR. Simulation results, including volume of blood loss and time to perform the intervention, are relayed from sensors in the unit(s) and then displayed on the TSR's easy-to-read screen, allowing the trainer to assess the trainee's performance in real-time and provide After Action Reporting.



## ECG SIMULATOR

TFX-ECG-1

The **ECG Simulator (ECG)** is compatible with all powered uppers. The ECG simulator will allow a manikin to attach to a standard 3-lead ECG monitor. Utilizing the active manikin's pulse, the ECG Simulator allows a trainer to select one of 6 unique waveforms for output to the ECG monitor. The selected waveform can be easily changed by the trainer at any time during the simulation.

### KEY FEATURES

- Normal Sinus Rhythm
- Ventricular Fibrillation (VFIB)
- Pulseless Electronic Activity (PEA)
- Atrial Fibrillation (AFIB)
- Atrial Flutter
- Asystole





## BODY PART ACCESSORIES

### PROSTHETIC LEG COVER

#### ■ CAUCASIAN: TFX-PLC-1

The **Prosthetic Leg Cover** attaches to the right leg amputation on the Clinical Response Lower (CRL) and Packable Hemostatic Wound (HEMO) trauma trainers to conceal the injury and remove it from training scenarios. Compatible with CRL, HEMO, HEMO-G, & MATT™.

#### OTHER BODY PART ACCESSORIES

- Severed Left Leg w/ Boot - TFX-LO-LL-1
- Severed Right Leg w/ Boot - TFX-LO-RL-1
- Injured Hands (Pair) - TFX-APL-IH-1
- Priapism Attachment - TFX-LO-PP-1
- Female Breasts Attachment - TFX-BBS-1
- Female Genitalia Attachment
  - Non-catheterable - TFX-VG-1
  - Catheterable - TFX-VG-C-1



Contact us for full list of accessories.

## K9 SKIN & PROCEDURE SITE PRODUCTS



**K9 HERO SUTURE PAW**



**K9 HERO TONGUE**

- K9 Diesel Front Leg Amputation (Left)
- K9 Diesel Rear Leg Compound Fracture (Right)
- K9 Accessories Kit: Mouth Wound & Burn Sleeve
- K9 Tracheostomy Tubes
- K9 Tongue
- K9 Tibial I/O Drain Tube
- K9 Thoracocentesis Skin Plug (5pk)
- K9 Suture Paw (5pk)
- K9 Tibial I/O Bone Plug (5pk)
- K9 Single-Use Non-Bleeding Tracheostomy Skin Plug
- K9 Single-Use Bleeding Tracheostomy Skin Plug
- K9 Cephalic Vein (5pk)

Contact us for full list of accessories.

# HUMAN SKIN & PROCEDURE SITE PRODUCTS



**NEEDLE D SKIN PLUGS**



**CRIC BOX SKIN PLUG**



**IV SKIN PLUGS**



**CHEST TUBE TAB TAPE**



**MANUBRIUM SKIN PLUG**

- Needle D Skin Plugs (L & R - 5pk)
- Manubrium Skin Plug (5pk)
- Tibial I/O Cap (5pk)
- Intramuscular Injection Site Skin Plug (L & R - 5pk)
- Femoral Pulse Point Skin Plug - (5pk)
- Chest Tube Tab Tape Roll (5pk)
- Chest Tube Tabs (L & R - 5pk)
- Chest Tube Skin Plugs (5pk)
- Intravenous Skin Plugs (5pk)
- Cric Box Skin Plugs (5pk)
- Cric Box Saddle for Single Use Skin Plugs
- Larynx Assembly (5pk)
- Cric Box Skin - Single Use (Bulk - 100pk)
- Cric Box Skin (5pk)
- Silicone Cric Tape
- Silicone Trach tape
- Air Bladders (100pk)
- Needle D Pleural Membrane (5pk)
- Manubrium Membrane - Infusible
- Manubrium (5pk)
- Manubrium - Infusible
- Humeral Skin Plugs (5pk)
- Humeral Block Safety Grill (5pk)
- Humeral Block Chamber (Right)
- Humeral Block - Infusible
- IV Skin Plugs (5pk)
- Needle D Pressure Seals (5pk)

Contact us for full list of accessories.



## ADDITIONAL ACCESSORIES



**18V CHARGER**



**BLOOD FILL SYSTEM**

- 18V Charger
- 18V Battery
- Liquid Fill & Extraction System (Small)
- Urine Mix
- Urine Filling System (1 Gallon)
- Sucking Chest Wound Blood (1 Pint)
- Replacement Blood Fill Hose
- IV Flush Kit
- Blood Stir Sticks (5pk)
- Blood Powder (5 Gallon or Bulk)
- Blood Paste (1 Gallon)
- Blood Fill System
- Absorbent Blood Pads (20pk)

Contact us for full list of accessories.



# TACMED SIMULATION™

ELEVATE YOUR RESPONSE™

## 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