TRAUMA F/X®

Improving Survivability

Clinical Response Upper (CRU)

The TraumaFX® Clinical Response Upper (CRU) medical simulator was created specifically to address the treatment of traumatic upper body injuries to deliver a uniquely realistic training experience for Medics and First Responders. As the student administers treatment, trainers receive instant feedback of performance via the easy-to-use remote control. Constructed with a durable urethane core and specially formulated, life-like silicone skin, the CRU is designed to operate in inhospitable conditions and tough, outdoor scenarios. Ideal for Prolonged Field Care, the CRU is an extremely effective multipurpose training tool allowing learners to perform a wide range of critical life-saving tasks.

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 by a long-range RC controller which includes real-time telemetry to monitor medical interventions. Easy to use, menu-driven 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.

Mix-N-Match

TraumaFX upper and lower trainers can be combined in any configuration to increase training capabilities

DATA SHEET

Key Benefits of TraumaFX CRU

- Multiple sensors provide trainers/learners with instantaneous feedback for After Action Reporting (AAR) via the Ruggedized Remote Control (RC)
- Intubation sensors provide realistic response to bagging
- Heart sounds and breathing with coordinated breath sounds in 4 quadrants
- ACLS training with programmed megacodes and AAR data/scorecard
- Palpable radial, carotid and brachial pulse points
- Flexible jaw with internal tracheal landmarks for orotracheal Intubation; gastric distention resulting from improper intubation
- Bilateral infusible intraosseous (I/O) trainers and intramuscular injection sites at the humerus/deltoid
- Realistic, light reactive eyes that respond to ambient light or can be remotely set to dilated, pinpoint, or fixed/non-responsive
- Blood pressure reading via auscultation or palpation with brachial pulse
- Bilateral chest tube insertion sites with replaceable, multiple use skin plugs
- Oral airway cavity (with teeth and tongue) for oropharyngeal intubation (responds to BVM)
- Teeth sensor to detect excessive contact during intubation with a removable section of teeth for airway clearance training
- Cricothyroidotomy with larynx with replaceable skin plugs
- Nasal passageways for nasopharyngeal intubation with User selectable airway obstruction at the nose or throat to cue for surgical cric
- IV training site at the arm with flash cue
- Realistic manubrium allows intraosseous (I/O) training with fluid Infusion
- Interactive needle decompression training sites (full size 3.25” 14 gauge needle)
- 2-way communication audio system allows trainer to speak through the simulator
- Water resistant
- Easy to clean and maintain after use
- Optional right arms: uninjured, amputated (non-bleeding)
- Optional Vital Signs Monitor

Remote Control and Sensor Features

The RC remote control offers an LCD display screen 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 for the CRU include:

- Respiratory status (regular, tension pneumothorax (Left/Right), stopped)
- Respiration rate
- Pulse rate
- Blood pressure
- Airway status
- Airway intervention (success and time)
- Intubation (tracheal or esophageal)
- Needle decompression
- Chest tube placement
- Teeth pressure
- Alert, conscious, unconscious, anxious
- Patient alive/expired

TraumaFX Multiple Amputation Trauma Trainer (MATT)® Awards

AMSO Award

Governors Award

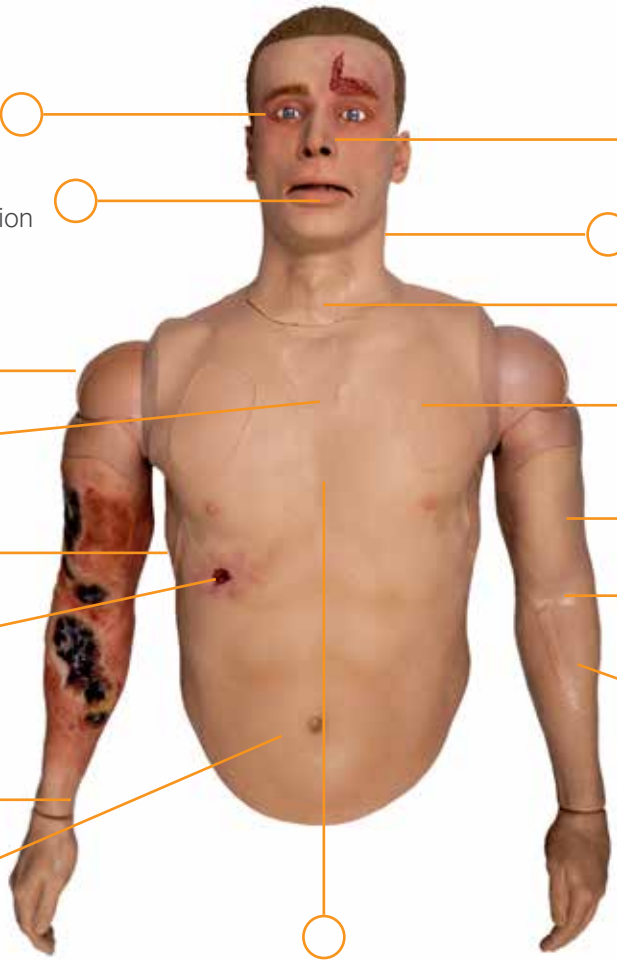
SBIR Award

Modeling & Simulation Training Team Award

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

TRAUMA F/X®

CRU Feature Guide

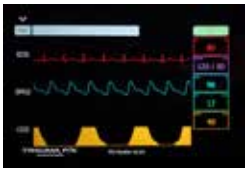


- Adjustable, light-reactive eyes
- Flexible jaw with internal tracheal landmarks for orotracheal intubation
- Bilateral, infusible humeral head I/O and intramuscular injection sites
- Infusible sternal I/O
- Bilateral chest tube insertion sites with replaceable pleural membrane
- Simulated gunshot wound (front and back)
- Bilateral radial pulse points
- Gastric rise with improper intubation
- Nasal passageways for NPA
- Bilateral carotid pulse points
- Cricothyroidotomy with larynx
- Bilateral needle decompression
- Blood pressure (with any standard BP cuff)
- Brachial pulse
- IV training site with flash cue
- Breathing with coordinated breath sounds in 4 quadrants and simulated tension pneumothorax (left/right)

Realistic airway for intubation with flexible jaw, tracheal landmarks and pressure sensor on teeth

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

Optional Vital Signs Monitor



All TraumaFX Products are handcrafted in the USA

TraumaFX Solutions, Inc.
1-800-200-7465
TFXinfo@traumafx.net

TACTICAL MEDICAL SOLUTIONS®

WWW.TRAUMAFX.NET

TraumaFX® is a Tactical Medical Solutions® company