TRAUMA F/X®

Improving Survivability

Clinical Response Upper-Resuscitate

The TraumaFX® 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. Trainers receive instant feedback on student intervention performance via the easy-to-use remote control. Constructed with a durable urethane core and specially formulated life-like silicone skin, the CRU-R is designed to operate in clinical settings or rugged, outdoor scenarios.

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

WWW.TRAUMAFX.NET

KGS-TFX-CRU-R-1

Key Benefits of TraumaFX CRU-R

- Multiple sensors provide trainers/learners with instantaneous feedback for After Action Reporting (AAR) via the Ruggedized Remote Control (RC)
- Flexible jaw with internal tracheal landmarks for orotracheal Intubation; gastric distention resulting from improper intubation
- Heart sounds and breathing with coordinated breath sounds in 4 quadrants
- Palpable radial, carotid and brachial pulse points
- CPR with sensors to measure compression depth and rate
- ACLS training with programmed megacodes and AAR data/scorecard
- Central Line (subclavian) with flash cue, ultrasound compatibility and sensors to monitor placement
- 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, TBI, 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, tongue and injured 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 with sensors for nasopharyngeal intubation and user selectable airway obstruction at the nose or throat to cue for surgical cric
- Infusible IV training site at the arm with flash cue
- Realistic manubrium allows intraosseous (I/O) training with fluid Infusion
- Bilateral needle chest decompression (NCD) training sites (with breathing recovery)
- 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)
- Compatible with TraumaFX 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
- SpO2
- End Tidal CO2
- Airway status
- CPR (compression depth and rate)
- Intubation (tracheal, esophageal, RMS)
- NPA placement
- Needle decompression
- Chest tube placement
- Central line placement and depth
- Teeth pressure
- Alert, conscious, unconscious, anxious
- Patient alive/expired

TraumaFX Multiple Amputation Trauma Trainer (MATT)® Awards

AMSO Award

Governors Award

SBIR Award

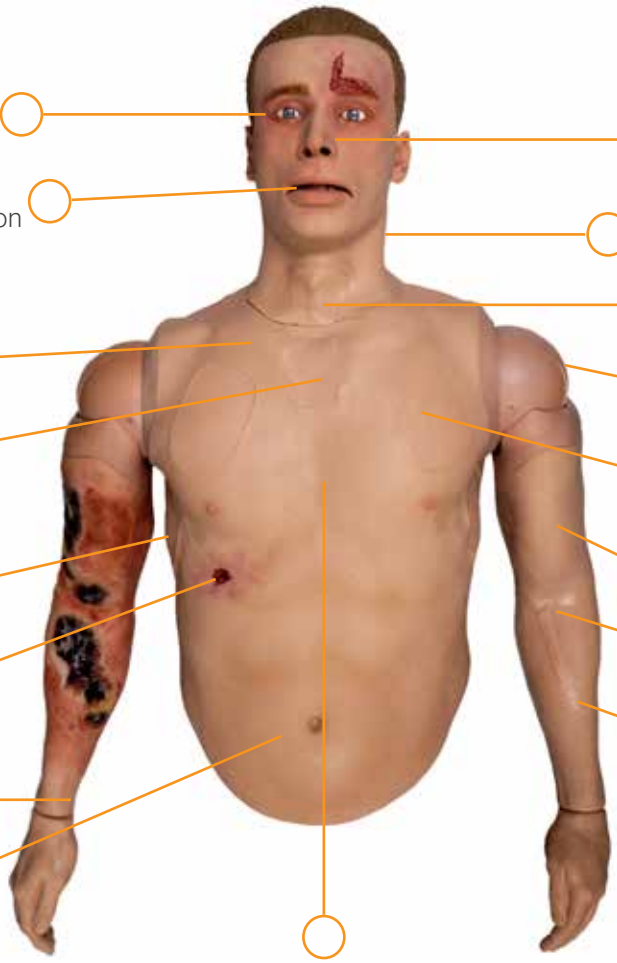
Modeling & Simulation Training Team Award

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-R Feature Guide



Adjustable, light-reactive eyes

Flexible jaw with internal tracheal landmarks for orotracheal intubation (responds to BVM)

Subclavian Central Line (ultrasound compatible)

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 with sensor

Bilateral carotid pulse points

Cricothyroidotomy with larynx

Bilateral, infusible humeral head I/O and intramuscular injection sites

Bilateral needle decompression

Blood pressure (with any standard BP cuff)

Brachial pulse

Infusible IV training site with flash cue

Heart sounds and breathing with coordinated breath sounds in 4 quadrants

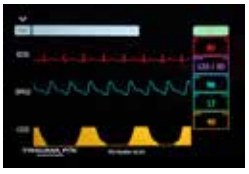
simulated tension pneumothorax (left/right)

CPR with sensors for compression depth and rate

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

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TACTICAL MEDICAL SOLUTIONS®

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