

Whole-Body Simulator Clinical Response

The TraumaFX® Clinical Response Whole-Body Simulator (WBS CR) was created specifically to address the treatment of traumatic 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 WBS CR is designed to operate in inhospitable conditions and tough, outdoor scenarios. 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.

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

TRAUMA F/X®

Key Benefits of TraumaFX WBS-CR

- Multiple sensors provide trainers/learners with instantaneous feedback for After Action Reporting (AAR) via the Ruggedized Remote Control (RC)
- Simulated Breathing and coordinated breath sounds in 4 quadrants with palpable radial and carotid pulse points
- Simulated 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 (using any standard BP cuff)
- Bilateral chest tube insertion sites with replaceable, multiple use skin plugs
- Flexible jaw with internal tracheal landmarks for orotracheal intubation (sensor)
- Teeth sensor to detect excessive contact during intubation with a removable section of teeth for airway clearance training (sensor)
- Simulated 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 (uses full size 3.25" 14 gauge needle and offers air release and sensor feedback)
- 2-way communication (TWC) audio system allows trainer to speak through the simulator
- Advanced sensor technology provides trainers/learners with instantaneous feedback of applied pressure, time to occlude bleeding, and volume of blood loss for after action reporting (AAR)
- Full left leg with a hemostatic wound at the inguinal crease that requires packing with gauze and the application of measurable pressure (sensor)
- Right leg amputation at the knee with popliteal artery bleed with realistic tourniquet site (sensor)
- Lifelike leg movement, remote controlled using practical and durable special effects animatronics technology
- Foley catheterization with simulated urine
- Femoral and pedal pulse
- Tibial (bone plug) infusible intraosseous (I/O) trainer
- Bilateral intramuscular injection sites (skin/muscle plug) at the thigh
- Specially formulated synthetic tissue with unparalleled realism and durability providing realistic visual and tactile stimuli
- Responds to direct pressure for immediate bleeding control
- Instantaneous feedback provided through proprietary remote control (RC) transmitter with extended operating range
- Crepitus to cue for crushed pelvis injury
- Scrotal Avulsion
- Optional non-bleeding crushed left leg, burn leg, and interchangeable priapism
- Water resistant
- Easy to clean and maintain after use

Remote Control with Sensor Feedback

The radio-frequency (RC) remote control offers full system operation from up to 200 yards away and includes real-time data streaming for sensor feedback and vitals data.



Contract Vehicles:

GSA: GS-07F-063DA
DLA ECAT: SPE2DH-18-D-0008
PEO STRI TATT: W900KK-14-D-0004
PEO STRI VPSS: W900KK-18-D-0012

All TraumaFX Products are handcrafted in the USA

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