CLINICAL RESPONSE-RESUSCITATE
WHOLE BODY SIMULATOR WBS-CR2

High-fidelity trauma simulator for clinical, ACLS, and emergency care training.

TACTICAL MEDICAL
SOLUTIONS®

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

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VERSION 2.0

CLINICAL RESPONSE-RESUSCITATE
WHOLE BODY SIMULATOR `WBS-CR2`

PRODUCT NUMBER		TFX-WBS-CR2-1
DIMENSIONS	LENGTH	75"
	WIDTH	23"
	CHEST	45"
	NECK	17.5"
	SHOULDERS	51"
WEIGHT	FULL	169 lbs.
	EMPTY	161 lbs.
POWER SUPPLY		Four (4) 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® Clinical Response-Resuscitate Whole Body Simulator** (**WBS-CR2**) delivers high-fidelity training capabilities for the treatment of traumatic injuries as well as advanced clinical features for cardiac life support and resuscitation. Ideal for Prolonged Care, Emergency Room, and ACLS/ALS training, the **CR2** is an extremely effective multipurpose training tool allowing learners to perform a wide range of critical life-saving tasks. 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 **CR2** is rugged and durable and is designed to operate in nearly any environment or weather to support real-world training scenarios.

WBS-CR2 KEY BENEFITS

- Multiple sensors provide trainers/learners with instantaneous feedback for After Action Reporting via the Ruggedized Remote Control
- 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, brachial, femoral, and pedal pulses
- 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
- 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 with sensors for nasopharyngeal intubation and user selectable airway obstruction at the nose or throat to cue for surgical cric
- Bilateral infusible intraosseous (I/O) trainers and intramuscular injection sites at the humerus/deltoid
- Realistic manubrium allows I/O training with fluid infusion
- 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
- Infusible IV training site at the arm with flash cue
- Bilateral needle chest decompression (NCD) training sites (with breathing recovery)
- 2-way communication audio system allows trainer to speak through the simulator
- Full left leg with a hemostatic wound at the inguinal crease that requires packing with gauze and the application of measurable pressure
- Right leg amputation at the knee with popliteal artery bleed with realistic tourniquet site
- Responds to direct pressure for immediate bleeding control
- 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
- Lifelike leg movement, remote controlled using practical and durable special effects animatronics technology
- Foley catheterization with simulated urine
- Tibial (bone plug) infusible intraosseous (I/O) trainer
- Bilateral intramuscular injection sites (skin/muscle plug) at the thigh
- Crepitus to cue for crushed pelvis injury
- Scrotal Avulsion with optional interchangeable priapism
- Water resistant
- Easy to clean and maintain after use
- Optional right arms: uninjured, amputated
- Optional non-bleeding crushed left leg, burn leg

CLINICAL RESPONSE-RESUSCITATE
WHOLE BODY SIMULATOR WBS-CR2

WBS-CR2 FEATURES GUIDE

Adjustable, light-reactive eyes

Nasal passageways for NPA

Flexible jaw with internal tracheal landmarks for orotracheal intubation

Bilateral carotid pulse points

Cricothyroidotomy with larynx

Infusible sternal I/O

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

Bilateral needle decompression

Bilateral chest tube insertion sites with replaceable pleural membrane

Bilateral radial pulse points

Breathing with coordinated breath sounds in 4 quadrants and simulated tension pneumothorax

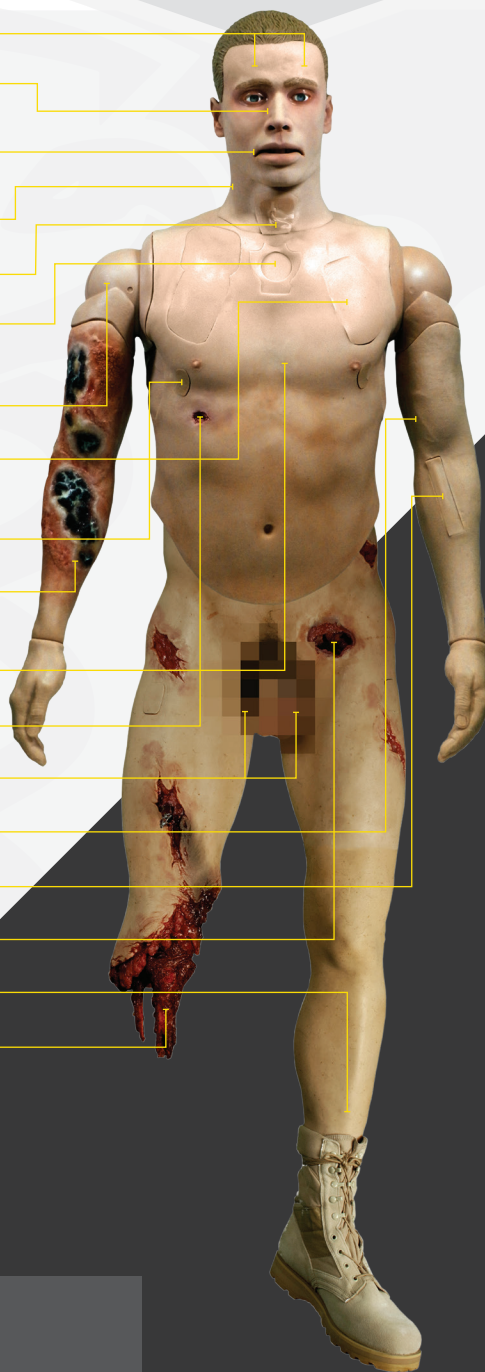Simulated gunshot wound

Femoral pulses

Arm with blood pressure site and brachial pulse

IV training site with flash cue

Packable inguinal crease wound

Tibial (bone plug) infusible intraosseous (I/O) trainer

Amputation with Arterial Bleeding

OPTIONAL
Non-injured arm, amp arm, non-bleeding lower leg w/ crush injury, and burn leg.

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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)	► Intubation sensor (tracheal, esophageal, RMS, time)	► Blood loss (volume)
► Respiration rate	► Inguinal crease wound (bleeding status, pressure applied, and time)	► Heart rate
► Airway status		► Blood pressure
► Alert, conscious, unconscious, anxious	► Amputation bleeding/occluded (proper tourniquet application)	► 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.

YOUR EQUIPMENT SHOULD NEVER BE A COMPROMISE.