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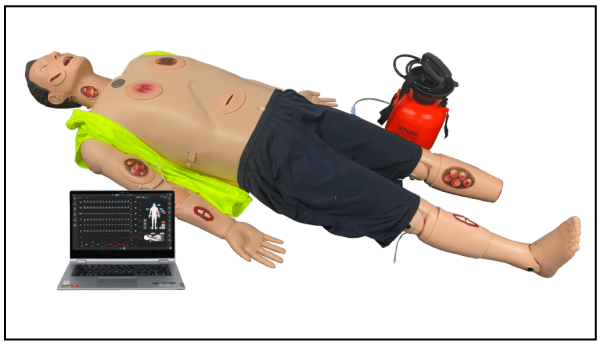


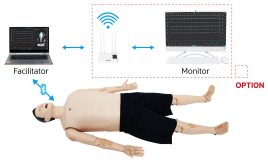
ALS Trauma training simulator - Lite : BT-ACTB-LT

Item No.	BT-ACTB-LT
Weight	
Make:	BT Inc, South Korea

Read More

SKU:

Categories:ALS Adult







Product Description

- Simulator for adult resuscitation training and evaluation - Lifelike body structure and silicon; Realistic training - Various emergency simulation - With various trauma modules, users can practice the trauma care (hemorrhage is possible) - Rechargeable battery, completely wireless environment through Bluetooth communication - Pupillary response; Patient assessment and evaluation - While chest compression, it generates related pulse and check the ECG change from the patient monitor - Possible to do chest compression and ventilation at the same time - Palpate pulse at 4 sites (Bilateral carotid and femoral), possible to adjust the strength or turn on/off - Virtual patient monitor layout can be adjusted by selecting needed items - When running scenario, the current patient status can be jumped to the next status by using a transition - Scenario, Checklist can be exported or imported - The result

data can be printed out by using a printer connected to a facilitator laptop - The detailed CPR result and even log can be saved to Excel format - The event log can be sorted by item or time order - Designed in full compliance with the latest ERC 2025 and AHA guidelines. - Software allows users to select or change the guidelines before each training session.

Trauma treatment wound module

- Amputated leg module (bleeding): Bleeding control using tourniquet is possible - Open fractured leg module (bleeding) - Open fracture arm module (bleeding) - Attachable wound module (laceration, burn, open fracture, abrasion, bruise) - Attachable wound module small size (laceration, burn, open fracture, abrasion, bruise)

EYES

- Light reflex / consensual slight reflex - Adjust pupil size / Light reflex speed adjustment (Prompt/Slow)x - Eyelids : Open/Closed (Manual)

Airway

- Head tilt/Chin lift, Jaw thrust maneuver - Bag-valve-mask ventilation - Airway intubation : ETT/LMA/I-gel/Combi-tube insertion : Detect the right main stem intubation - Gastric intubation / Gastric inflation - Check the force applied to the incisors - Airway obstruction

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Cardiac

- 3-4 Lead ECG - Defibrillation and cardioversion - Display Defibrillation shock rhythm/ CPR rhythm - NIBP, ABP, PAP graphs through S/W - Pulse palpation synchronized with ECG : Bilateral carotid and femoral pulses - Pulse strength adjustment (none / strong / moderate / weak) - Body temperature (Software)

Breathing

- Spontaneous breathing - Unilateral and bilateral chest rise and fall - Normal Breathing sounds (Software) - ETCO2 Capnography and SpO2 waveform through S/W

CPR real-time monitoring

- Compression depth and rate / incomplete recoil / hands-off time - Hand position : Correct / Upper / Lower / Left / Right - Ventilation volume and time / RR - Chest compression & Ventilation at the same time

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Vascular access

- IV (right arm) - Medication (by S/W)

Speech

- Vocal sound
Here it is:

DESCRIPTION (copy-paste into WordPress product description):

Why Choose the ALS Trauma Training Simulator Lite (BT-ACTB-LT) for Your Simulation Lab in India?

The ALS Trauma Training Simulator Lite (Item No. BT-ACTB-LT) by BT Inc, South Korea is a comprehensive wireless adult resuscitation and trauma care simulator designed for ALS training programmes, emergency medicine departments, and military or disaster medicine training centres across India. Built with lifelike silicone body construction, it delivers realistic hands-on training for both resuscitation and trauma care in a single platform. The simulator operates entirely on a rechargeable battery via Bluetooth communication — eliminating cables and allowing use in any training environment. It is fully compliant with the latest ERC 2025 and AHA guidelines, with software that allows instructors to select or switch between guidelines before each session.

The clinical training capabilities are extensive. Airway management includes head-tilt/chin-lift, jaw thrust, bag-valve-mask ventilation, and intubation with ETT, LMA, I-gel, and Combitube — with automatic detection of right main stem intubation. Cardiac features include 3–4 lead ECG display, defibrillation and cardioversion, bilateral carotid and femoral pulse palpation synchronised with ECG, and adjustable pulse strength. Real-time CPR monitoring tracks compression depth, rate, hand position, incomplete recoil, hands-off time, ventilation volume, and simultaneous chest compression

and ventilation. The trauma module is a standout feature: attachable wound modules cover an amputated leg with active bleeding (tourniquet practice), open fractured leg, open fracture arm, and a range of smaller wound overlays including lacerations, burns, abrasions, and bruising. Pupillary light reflex with adjustable speed, spontaneous breathing with unilateral/bilateral chest rise, SpO2 and ETCO2 capnography waveforms, and IV access on the right arm complete the capability set. Session data exports to Excel, checklists and scenarios can be imported and exported, and results can be printed directly from the facilitator laptop.

This simulator is ideal for emergency medicine departments, ATLS and ACLS training programmes, armed forces medical training units, disaster response teams, and NMC-mandated simulation labs in medical colleges across India that need a single platform for both resuscitation and trauma care.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of BT Inc simulators in India with over 30 years of experience supplying medical training equipment to 1,500+ institutions across 28 states. We provide pan-India delivery, on-site installation and software setup, faculty orientation, and dedicated after-sales support. All products carry genuine manufacturer warranty.

Frequently Asked Questions

Q: Is the ALS Trauma Training Simulator Lite compliant with current resuscitation guidelines used in India? A: Yes. The simulator is designed in full compliance with ERC 2025 and AHA guidelines, and the software allows instructors to select or change the applicable guideline before each training session.

Q: Does SEM Trainers provide installation and training support? A: Yes. We provide on-site installation, software configuration, hands-on demonstration sessions, and faculty orientation workshops for every product delivered, anywhere in India.

Q: What is the warranty and how do I get support? A: All products carry standard manufacturer warranty. For support, reach us at sem@semtrainers.com or call +91-88495 63724.