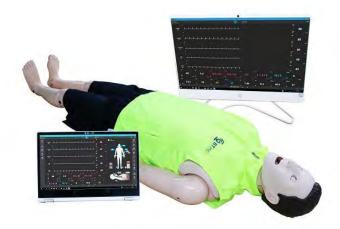
Product	ALS Training Simulator (Adult)	Model	вт-аств
Manufacture	BT INC	Q'ty	1 SET



### A. FEATURES

- Simulator for adult resuscitation training and evaluation
- Lifelike body structure and silicon; Realistic training
- Various emergency simulation
- Rechargeable battery, completely wireless environment through Wifi and Bluetooth communication
- Pupillary response; Patient assessment and evaluation
- While chest compression, generate 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 8 sites (Left radial and brachial, left and right carotid/femoral/dorsal)
- Change the pulse strength and turn each pulse off/on
- Virtual patient monitor layout can be adjusted by selecting needed items
- When running a prepared 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



### **B. SPECIFICATION**

- \* EYES
  - Light reflex / consensual slight reflex
  - Adjust pupil size
  - Light reflex speed adjustment : Prompt/Slow
  - 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
  - Needle decompression
- \* Cardiac
  - 3-4 Lead ECG
  - Defibrillation and cardioversion
  - Display Defibrillation shock rhythm/ CPR rhythm
  - Heat sound auscultation
  - BP; Palpation & Auscultation
  - NIBP, ABP, PAP graphs through S/W
  - Palpable pulses and ECG waveforms generated during CPR
  - Pulse palpation synchronized with ECG
    - · Bilateral carotid, femoral, dorsalis pedis
    - · Radial and brachial pulse (Left arm only)
  - Pulse strength adjustment (none / strong / moderate / weak)



### \* Breathing

- Spontaneous breathing
- Unilateral and bilateral chest rise and fall
- Breathing sounds
- ETCO2 Capnography and SpO2 waveform through S/W
- Lung sound auscultation
- \* CPR real-time monitoring
  - Compression depth and rate / incomplete recoil / hands-off time
  - Hand position : Correct / Upper / Lower / Left / Right
  - Ventilation volume and time / rate / RR
  - CPR result and evaluation
  - Chest compression & Ventilation at the same time
- \* Vascular access
  - IV (right arm)
  - IO (right tibia / right humeral)
  - IM (right humeral)
  - Medication (by S/W)
- \* Speech
  - Vocal sound
- \* Software
  - Manual mode / Scenario mode
  - Save and print the result
  - Offering the virtual patient monitor, virtual defibrillator and pacer function
- \* Power: AC/DC adaptor (AC input: AC100~220V, 50~60Hz, 2.5A, DC output: 16.8V, 4A)
- \* Weight and size of manikin: 172 x 54 x 24cm, approximately 22kg



# **C. COMPONENTS** - Adult full body manikin 1ea - Facilitator laptop 1ea - Monitor PC 1ea - Wifi router 1ea - AC adaptor 1ea - Storage case 1ea - User manual 1ea - Jacket/pants 1set - Electrode cover sets for defibrillation (1 set for pads, 1 set for socket) - IV pad 1ea - IO module(tibia) 1ea, IO/IM module(humeral) 1 set - Bottle for IV 1ea, bottle for IO 1ea - Simulated blood 1ea - Sphygmomanometer 1ea - Cervical collar 1ea

