|  |  |  |  |
| --- | --- | --- | --- |
| **Product** | **ALS Training Simulator (Adult)** | **Model** | **BT-ACTB-L** |
| **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 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 |
| **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 **\* 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 - 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**\* Vascular access** - IV (right arm) - 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) - Battery : 14.8v, 10400mAh Lithium-ion**\* Weight and size of manikin** : 172 x 54 x 24cm, approximately 22kg**C. COMPONENTS**- Adult full body manikin 1ea- Facilitator laptop 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- Bottle for IV 1ea- Simulated blood 1ea- Cervical collar 1ea |