COMMODITY SPECIFICATION

Product	CPR Evaluation Simulator	Model	BT-CPTA PLUS
Manufacture	BT INC	Q'ty	1 SET

A. FEATURES

- Human rib-based spring, Lifelike resistance.

- Articular arms and legs ; possible to change the position.

- Wireless connection between simulator and operating device; Possible to evaluate up to 6 simulators at once.

- Displaying the multi-screen while operating multiple simulators.

- Detect up to 7cm of compression depth ; Can guide the trainees for the precise chest compression.

- Offering the magnetic sticker for AED pads ; Possible for the semi-permanent training of AED pads.

- Set your own guideline, evaluation list, check list and etc. for the evaluation.

- After the training, detailed result and the analysis data can be saved/printed out; these can be exported to Excel.

- Possible to check the airway opening, compression depth, hand position, compression rate,

  the number of compressions, hands-off time, ventilation volume, the number of ventilations, expiratory time,

  expiratory rate and the accuracy in real time.

- Displaying the palpation time when the carotid artery is palpated. Display each hands-off time separately on

  every hands-off section.

- Providing compression fraction data in result to check the actual the time for the compression during CPR.

- Metronome function provides 100, 110, 120 bmp and possible to turn on/off the carotid artery according to the

  scenario.

- For the power, AC 220V is used to operate the manikin. In case the power is cut, the result data would be

preserved by using the battery.

B. SPECIFICATION

▶ **Display windows**

‒ Trainee information : Save the group&trainee information (Possible to set the number of trainee in group)

- Setup for the training: Set up the guideline, scenario, evaluation list and points, training time and checklist.

‒ Training screen :

- • Displaying trainee info. / Training time / Status of manikin / Chest compression and ventilation data
- • Check consciousness : After checking the patient's consciousness, it will be marked at graph & history.
- • Check pulse : After checking the patient's carotid pulse, it will be marked at graph & history.
- • Chest compression : Displaying the detailed data such as compression depth, hand position, incomplete recoil, compression rate, hands-off time and the number of compression in graph and accuracy analysis during the chest compression.
- • Airway opening : When the airway is opened, it will be marked at graph & history. (Also it detects Hyper-extension)
- • Artificial respiration :Displaying the detailed data such as ventilation volume, expiratory time, expiratory rate and the number of ventilation at graph and accuracy analysis during the ventilation.
- • Defibrillation : When virtual shock is delivered, shock delivered time, the number of shock will be marked in graph & history / Information of ECG, pulse, RR will be displayed on the manikin's status.
- • Virtual patient monitor : Showing the patient's vital signs when there is an extended monitor.

‒ Accuracy analysis : Displaying analysis data for chest compression, ventilation as a chart in real-time.

‒ Training record : All practice records from beginning to the end will be recorded in graph and history.

- Checklist : The preset checklist for the evaluation will be displayed.

- History : Showing the history when auto and manual checklist items are marked.

- Metronome : Set up the metronome. (OFF, 100bpm, 110bpm, 120bpm)

- Scenario : Displaying ECG, pulse, RR according to the preset information.

‒ Evaluation result :

- • Displaying Trainee info and result data
- • Compression : The number of total compression, average depth, rate, compression fraction, compression per minute, hands-off-time(separately displayed for each hands-off), the number of each good/insufficient/excessive compression, the number of each good/upper/lower/right/left compression, the number of complete/incomplete recoil.
  * All data is converted to a percentage(%) and displayed with the information
- • Ventilation : The number of total ventilation, ventilation per minute, average volume,

COMMODITY SPECIFICATION

average expiratory rate,

the number of each good/insufficient/excessive expiratory rate and gastric ventilation,

the number of each good/insufficient/excessive ventilation volume,

the number of each good/insufficient/excessive expiratory time.

- Displaying the accuracy of each evaluation list, score and the total score.
- Displaying the time of each checklist done, the score and the total score.
- Save/Print the evaluation result

– Previous result :

- Display the each trainee's previous result.
- Result summary / Training screen/ Accuracy analysis / History's selective display.
- Print/Export the result data in Excel format.

C. CONSIST OF

- CPR Training manikin (Adult Torso) – 1EA
- Power adaptor (12VDC 1.5A) - 1EA
- Battery Holder - 1EA
- Articulated arms and legs – 1 SET
- Magnetic stickers for AED pads – 1 SET
- Storage case – 1 SET
- Operating Software included

D. WEIGHT & SIZE

- CPR training manikin(Whole body) : 18㎏ (168×50×21㎝)
- Storage case : 9.2kg (90×40×40㎝)
- Total : Approximately 29㎏