

# MANUAL

## BIX/CPR170 ADVANCED CHILD CPR MANIKIN



Shanghai Chinon Medical Model & Equipment Manufacturing Co.,Ltd.

Ada Med Supply Limited

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### Brief Introduction

Children is next generation of our world, in recent years the breath problems such as SOB, airway lung disease, traumatic brain injury, electric shock, drowning have becoming the major cause of death in the world. The reason why these problems often happened , because the children family members or babysitters lack of enough emergency training. So , for the sake of baby's health and family's benefit ,or our world future, the medical worker and parents should been trained about the baby first-aid knowledge.

Shanghai Chinon's Cardiopulmonary resuscitation (CPR) model is designed by the children standard, with computer instrument control. The guidance is by the authoritative expert advice and integrates the advantages of similar foreign products, which is a kind of new product according to the national standard, it has many characteristics such as : lifelike appearance, advanced function, high quality material, real operation etc.

### Function and Characteristics

- 1.Ability to Simulate the children's airway
- 2.Ability to operate the chest compressions
- 3.Including the 3 modes: training model, examine mode
- 4.Including the 2 display modes: digital counter mode, dynamic light mode
- 5.With Voice Prompt

### Preset before operation, and using method

Firstly please take out child manikin from trunk, and place him on his back on the operating table, install the leg, and put on his pants.

At same time, please connect computer monitors to your power cord, and take out

external power cord from the trunk, then connect it with the human body.

At last , please connect the computer monitors to 220 v power, then connection process is completed.

With connecting process finished, please turn on the computer monitor with application of the power switch at back, and press the start key to operate.

Training: the user could use the manikin freely to do artificial respiration and chest compressions operation, to be more familiar with operation skills.

After choosing working mode, please refer to other features.

Other key features:

Voice button: press the voice button to change the volume.

## **Standard action and matters needing attention in operating process**

1. Airway open: please use head tilt method

2. Right and wrong artificial blowing prompt: right artificial mouth to mouth blowing tidal volume is 150-200 - ml, and right information feedback by the green light shows. Error tidal volume is greater than 150 ml, blowing tidal volume too much information feedback by red light shows. Blowing too fast, and blow in tidal volume is greater than 150 ml of information feedback by red light shows.

3. Right and wrong compressions function prompt

(1) Compressions position: firstly please find correct chest compressions position, namely two nipples attachment and intersection point, as the correct pressure zone.

Operator with two hands overlap or a palm root to operate chest compressions.

(2) Pressure intensity: right chest compressions depth is 5 cm above, correct pressure depth information feedback by the green light shows.

(3) Incorrect press depth information feedback by red light shows.

Operating Mode

(4) 1. Please put the the child on his back on hard surface.

(5) 2. According to the international rescue standard, proportion of children chest

compressions and artificial respiration rate is 30:2. Namely 30 times of chest compressions and two times of artificial blowing.

(6) Child's chest compressions frequency is at least 100 times/min.

(7) Maintenance

(8) Please disinfect the manikin after use, such as face, mouth and nose, chest skin, respiratory tract, and inlet valve. Scrubbing cleaning fluid is available for cleaning and disinfecting.

(9) Lung bag need to be replaced if it is broken. Please open the chest skin. Take out the chest plate which is above the lung bag, and change on new lung bag, assemble according to sample.

(10) Please put manikin and computer monitors in ventilated and dry place, please do not place it in damp or sun exposure place, to prolong service life.

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