CPR & AED Training Tools

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- **CPR** add-on **kit & Apps**
- **CPR remote**
- **CPR class**
- cpr**cube**
- **CPR station**
- **AED**

I.M.LAB

Smarter CPR Training
CPR add-on **kit & Apps**

The **CPR Add-on Kit** is a sensor kit that upgrades the dummy manikin into a smart feedback manikin. The CPR Add-on Kit can be seamlessly integrated to almost all manikin types out in the market and provide the most optimized calibration value. Data that is measured from the manikin can be easily stored and managed through the app.
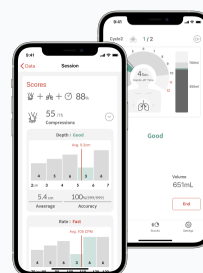
Check Supported Manikin Types →
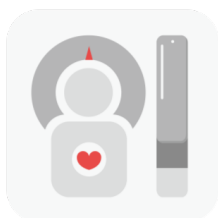
*Manikins with built-in Add-on-Kits are purchasable, too!
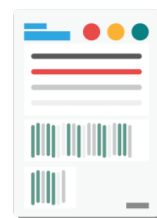
Dummy Manikin

Install Add-on Kit

Smart Feedback Manikin

Real-time feedback

Connect up to 6 manikins

Export and save results

CPR aok **student**

The student app allows you to train and monitor you CPR performance.

- Connects with one manikin and supports real-time feedback
- Scores and stores measured data
- Supports remote training sessions *Link with Remote App

CPR aok **instructor**

The instructor app is an application for practice training that allows real-time CPR practice monitoring, evaluating, and recording.

- Connects with up to six manikins and supports real-time feedback
- Can link up with different manikin types *limited to Add-on Kit supported manikins
- Scores and stores measured data
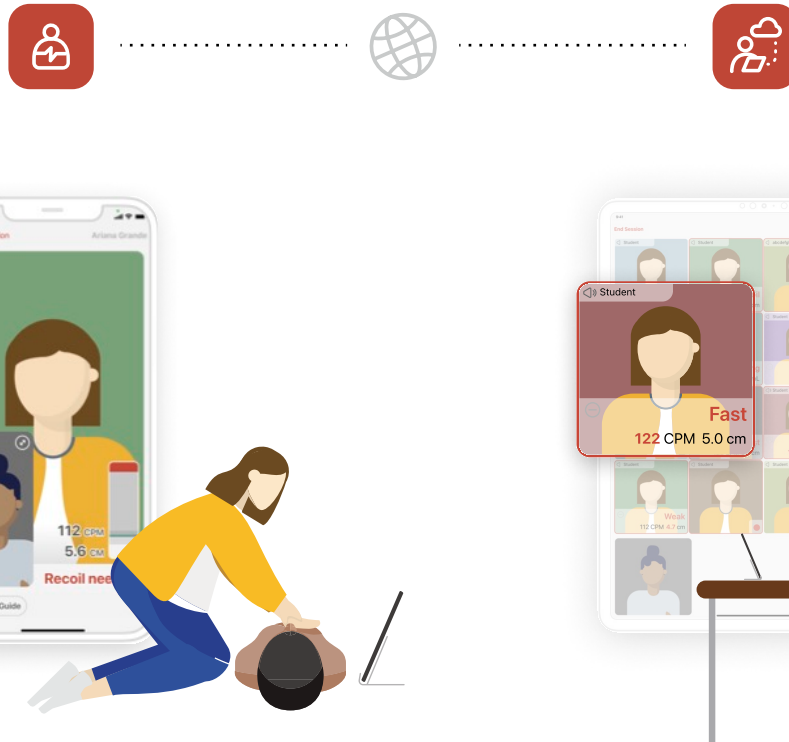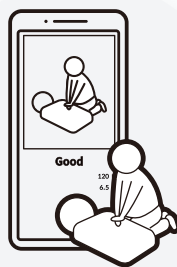- Can integrate with Cloud for total data management *to be added

CPR remote

CPR remote enables quality remote CPR training without the instructors and the students having to meet offline. Equipped with video call and real-time CPR performance feedback, CPR remote makes accurate and detailed CPR training possible.

* Up to 15 students can connect at once depending on the device specifications and network strength.

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Session management

The overall process of creating sessions and notifying students has been simplified and made easy.

Real-time CPR feedback

With video call, Instructors can monitor students' CPR performance and real-time feedback measured by the manikins.
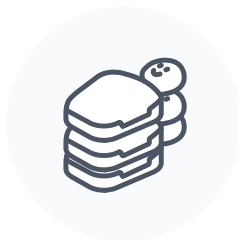
Use without network

CPR Add-on Kit apps (Instructor and Student apps) can be used even without network connections

CPR Remote can be used with cpr**cube**™ (**PRO**)s and manikins with **CPR** add-on **kit**s installed.

New mass CPR training solution

CPR class

Up to 45 manikins or cprcube PROs can be connected at the same time using CPR class, which allows mass CPR training.
Effective and entertaining CPR training is possible through real-time quality feedback and game fuctions.
After training, you can check and share the result data.

**Connect up to
45 manikins**

**Synchronize with
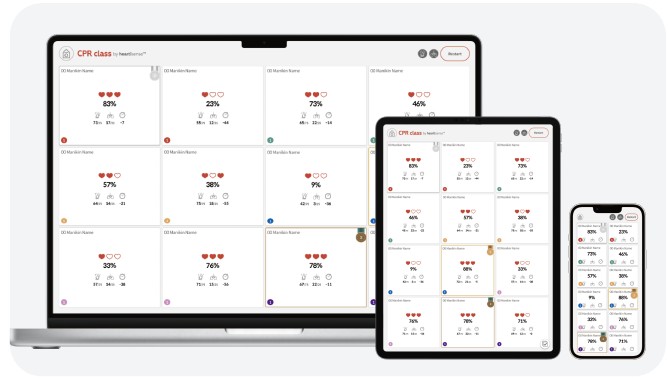the Instructor's device**
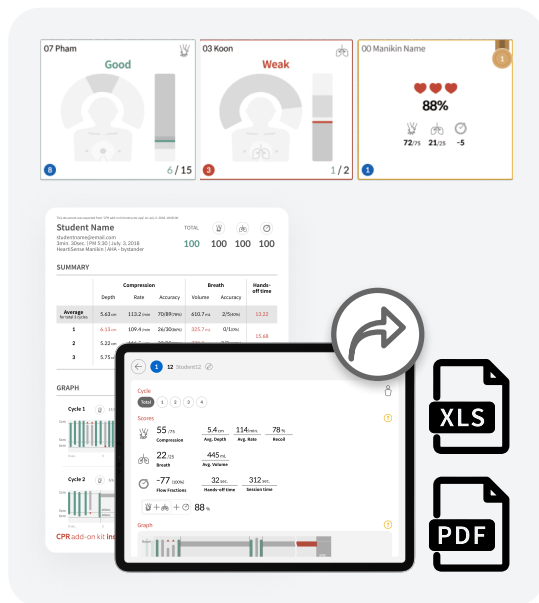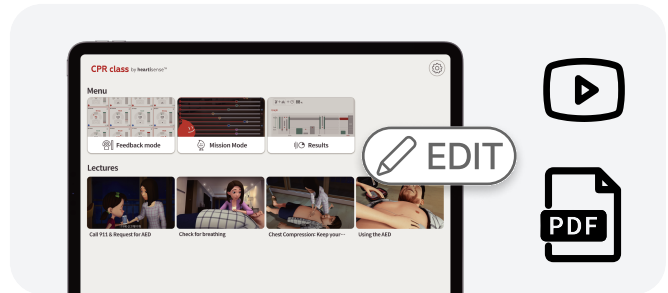
**Mission Mode
(Gamification)**

**Manage
Training Data**

Link with various devices and synchronize real-time sessions

Multiple devices can check the same screen using the screen synchronization feature. Instructors can check students' ongoing sessions wherever they are in the training site.

Fast and Easy Access on Home Screen

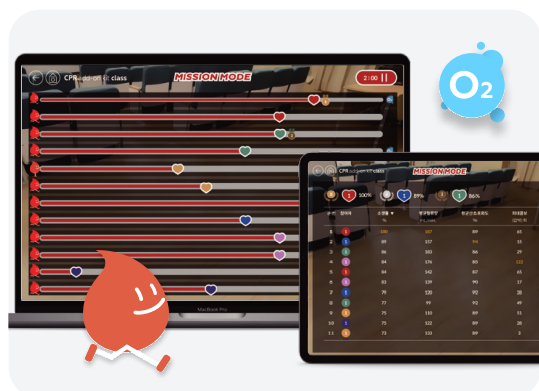You can insert PDFs or videos for training on CPR class beforehand and use them on the home screen with ease.

Feedback Mode

Quantitative, effective real-time feedback

You can check the current CPR training situation at a glance with effective UI, and give real-time feedback. Quantitative result indicators can be dataized and managed.

Export Result Data

You can export detailed results by your preferred file format, and debrief after printing out evaluation papers and certificates.

Racing Mode

Racing Mode is a gamification of CPR, encouraging participants to compete with one another while performing CPR by choosing the measurement elements and time limit.
Students can enjoy the game by comparing rankings arranged by not only resuscitation rate, but blood flow rate, oxygen saturation, and compression combo.

CPR class License

FREE
- CPR class system provides Feedback Mode as the standard
- Up to 5 manikins and large screens can be connected

`Feedback Mode` `Premium Free Trial for 90 days`

X 5

BASIC
- CPR class system provides Feedback Mode as the standard
- Up to 10 manikins and large screens can be connected

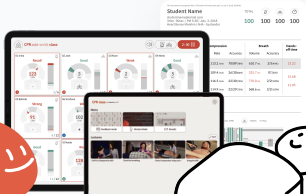`Feedback Mode` `Racing Mode` `Premium Free Trial for 90 days`

X 10

PRO
- CPR class system provides Feedback Mode as the standard
- Up to 20 manikins and large screens can be connected

`Feedback Mode` `Racing Mode` `Premium Free Trial for 90 days`

X 20

PREMIUM All extended fucntions of CPR class are supported
- Feedback Mode and Racing Mode are supported
- Up to 45 manikins and large screens can be connected
- Education material and contents can be managed on the home screen

`Feedback Mode` `Racing Mode` `Save results` `Manage class materials`

X 45

* You can use **CPR class** with cpr**cube**™ `PRO` instead of manikins.

Busan Safety Experience Center

Incheon Safety Experience Center

Boramae Safety Experience Center
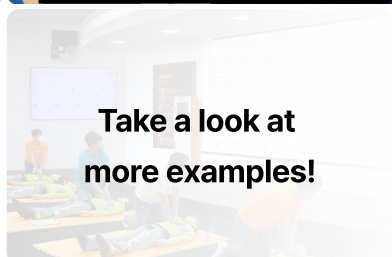

Muan Maritime Safety Experience Center

Gyeonggi Fire School

Gyeonggi Nat'l Safety Experience Center

Gyeonggi Provincial Office of Education Safety Education Center

Take a look at more examples!

The Smallest CPR class in the World

cpr**cube**

The cprcube is a training tool that supports
chest compression CPR.
Everyone can learn accurately, even without a manikin.

cpr**cube**™ PRO

Detailed Feedback through the cubePRO-app

cpr**cube**™ 2ND GENERATION

Real-time Sound and LED Feedback

cpr**cube**™ lite

Small and Light Chest Compression CPR Training

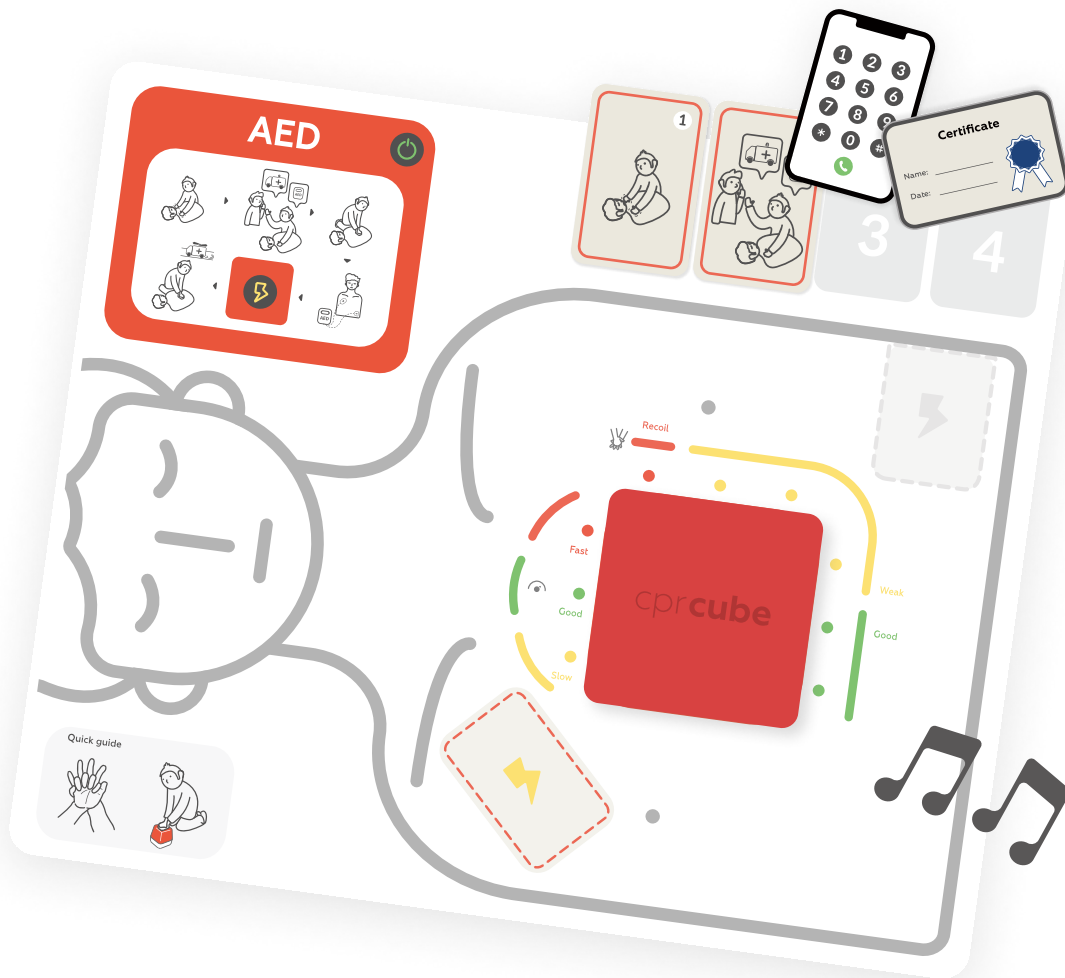2022 EMSWORLD INNOVATION AWARDS WINNER

red**dot** winner 2021

1 Easy, Fun, and Accurate Learning

Optimized Infrared Sensor and LED

Through urethane foam that has pressure conditions similar to the human chest, and infrared sensors and LEDs that measure depth and speed, realistic and accurate feedback can be given.

Scenario Cards

By role-playing with the scenario cards, you can learn AED pad attachment and the CPR process naturally and absorbingly.

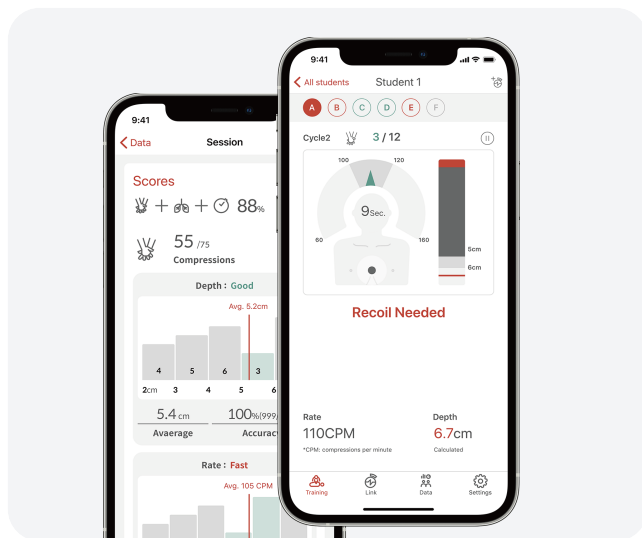# 2 Smart and Effective Learning

Sound feedback

Different sounds play for good or bad compression, which allows intuitive feedback. Performing correct compressions in a row activates the combo sound.

Guide Mode

If you press cprcube for 3 seconds, the guide mode starts. You can practice chest compression following the exact beat.
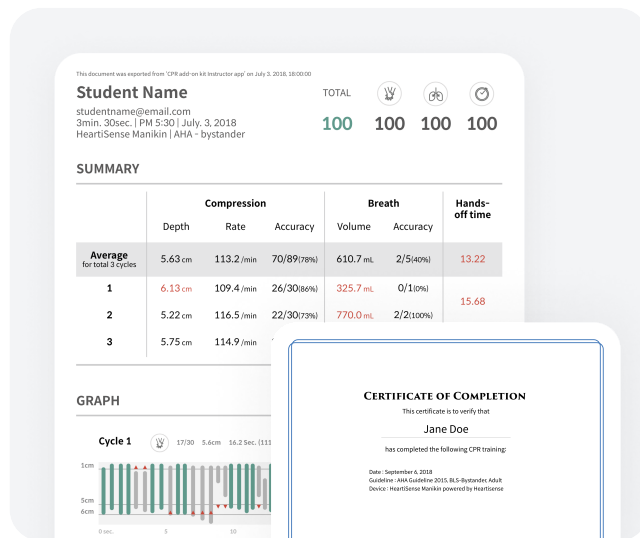
3 Extended Features, Only on cprcube™ PRO

Real-time Data Management

The CPR training result data is analyzed in real time through the connected app. Use the stored quantitative data to run CPR classes in various educational forms.

Data-driven Assessment

Data-based high-quality CPR training and evaluation are conducted through services linked to cprCUBE PRO, and education institutions can issue certificates based on the results.

Real-time Professional Training APP

- CPR aok **student**
- CPR aok **instructor**
- CPR **remote**

CPR aok student and instructor apps are training apps for students and instructors offering real-time monitoring and evaluation of CPR training and data management.

CPR remote enables accurate remote CPR training through video calls and transmission of real-time CPR feedback.

Mass CPR Training WEB

CPR class

CPR class is for mass CPR training, enabling synchronized training among students and instructors through connecting multiple feedback screens.

CPR station KIOSK

Experience high-quality CPR trainer CPR class' system, now available by Kiosk.
Reduce the cumbersome installation process with CPR stand and increase the autonomy of CPR learning.

1 Experience for Everyone

• CPR learning and training for employees, visitors, and members
• Practice CPR on a large, intuitive screen
• Self-learning contents
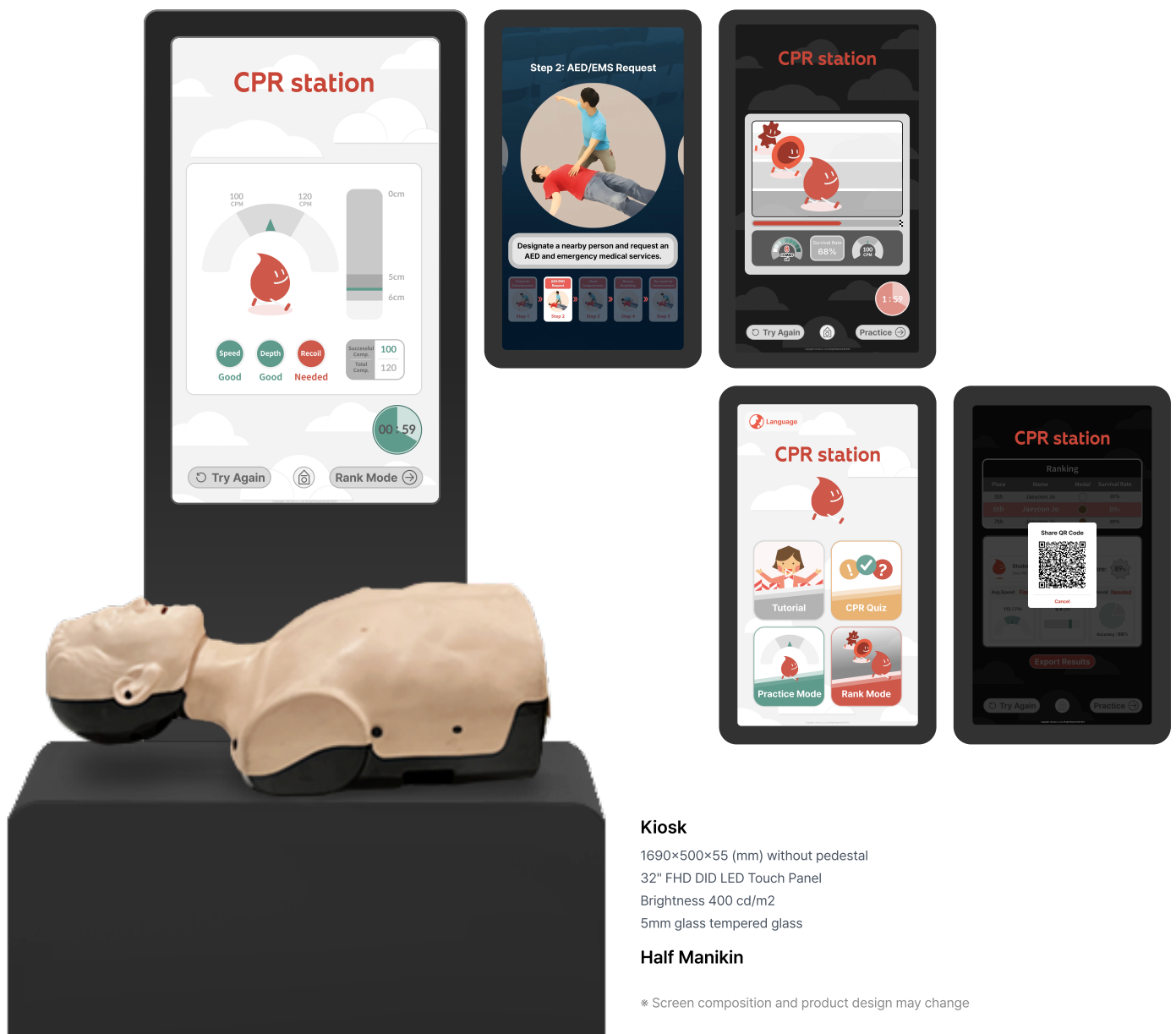• Learning CPR in a minimal space, anyone at anytime

2 Fun Learning

• CPR class software, that has been verified in terms of preference and effectiveness, has been ported into the Kiosk version
• Systematic learning processes, from step-by-step to mission mode
• Simultaneous learning available, up to 6 people (planned for development)

3 Exact and Effective

• Educational training program
• Support for downloading training results
• Precise, high-quality feedback
• Detailed evaluation of CPR functionality such as compression depth, speed, relaxation depth, respiratory rate, and respiratory volume

Kiosk

1690×500×55 (mm) without pedestal
32" FHD DID LED Touch Panel
Brightness 400 cd/m2
5mm glass tempered glass

Half Manikin

※ Screen composition and product design may change

AED
Lowpowered Defibrillatior

ANYTIME, ANYWHERE, ANYONE
Mediana's HeartOn AED helps to save people's lives when Sudden Cardiac Arrest occurs.

Manufacturer: Mediana

Adult/Pediatric Pads
2-in-1 Electrode

Battery
Disposable LiMnO2
Non-Rechargeable

HeartOn A16-DS/DF

1. Reduction of the defibrillation time
- In order to shorten the time before administering the shock, ECG analysis & charging are performed simultaneously.

2. Selection among 3 pre-installed languages
- Ideal for locations with many foreign visitors or countries with several official languages. * Korean, English, Chinese

3. Pads Quality Check
- Status of pads can be checked on the status LCD: connection problems, expiration date of pads, used pads, damaged pads, or dried gel. The pads can be changed if a problem is indicated.

4. Pacer Pulse Detection & Rejection
- Accurate electrocardiogram analysis is possible after pacing pulses are removed when the AED is applied to a patient with pacemaker.

5. AED Event Review Software
- Software is not a medical device. (Separately configured)

HeartOn A15-G4

Battery
Disposable LiMnO2
Non-Rechargeable

Adult/Pediatric Pads
2-in-1 Electrode

1. Reduction of the defibrillation time
- In order to shorten the time before administering the shock, ECG analysis & charging are performed simultaneously.

2. Auto-Start Function
- The device is activated by opening the device cover. No need to press a power button.

3. Fast response with 2-in-1 Pads
- Adult or Pediatric modes can be selected by simply changing a switch.
- Emergency response time can be shortened, as the right pad is connected to the device at all times.

4. Intuitive
- Anyone can use the device with the guidance of icons and voice prompt.

5. AED Event Review Software
- Software is not a medical device. (Separately configured)

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