

# FSI<sup>®</sup> F-AHEART

CPR Training Device • Meets AHA instrumented directive feedback guidelines



## Train CPR anywhere, with anyone.

The F-AHEART pairs an inflatable Air Dummy with a Bluetooth Air Sensor and a free app that scores every compression in real time. This guide covers setup, the Air Sensor, and the app's three training modes.



Get the free **F-AHEART** app  
App Store • Google Play

**100–120 COMPRESSIONS/MIN • 5–6 CM DEPTH • UP TO 4 TRAINEES**

## THE SYSTEM

|                     |                                                                                                                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Air Dummy</b>    | Human-body model in Double Wall (Drop Stitch) fabric that spreads flat and does not expand when inflated. Custom-made and image-printable in various designs. Two air inlets: sensor mount on top, pump inlet on the side.                                                                   |
| <b>Air Sensor</b>   | Cylindrical 70 mm sensor reads air-pressure changes inside the dummy in real time and transmits to the app over Bluetooth. USB-C charging with a green charge LED; the red LED blinks while pairing, stays lit when connected, and the sensor powers down 3 minutes after a lost connection. |
| <b>F-AHEART App</b> | Free on the App Store and Google Play. Study, Training, and Game modes for up to 4 trainees with real-time audio-visual feedback. English, Korean, Chinese, Japanese, French, and Slovenian.                                                                                                 |

## SET UP IN SIX STEPS

- 1 Unfold the Air Dummy and spread it flat, one air inlet on top and one on the side.
- 2 Connect the Air Sensor to the top inlet and the pump to the side inlet.
- 3 Switch on the Air Sensor and pair it from the app's settings screen.
- 4 Confirm the connection: the sensor's reading should show approximately 0 to 3.
- 5 Inflate until the app reads 20 to 30 mBar.
- 6 Adjust pressure to the trainee's body size and begin.



AIR SENSOR & PUMP ON THE DUMMY



AIR SENSOR · CHARGE & BLUETOOTH LEDS



USB-C JACK · POWER SWITCH

## USING THE APP

Tap the Bluetooth icon on the home screen. **Search** finds and connects the Air Sensor automatically; each tile shows live air pressure (mBar), the sensor number (the last three digits of its MAC address), and battery level. Use the move arrows to match sensor order to player order, and delete a stored sensor before replacing it.

## STUDY

The foundations before hands-on practice: the necessity of first aid, guidelines on administering it, and how to perform CPR.

## TRAINING

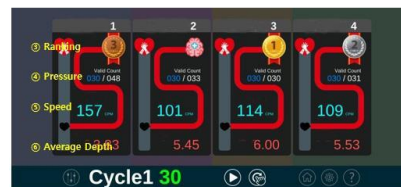
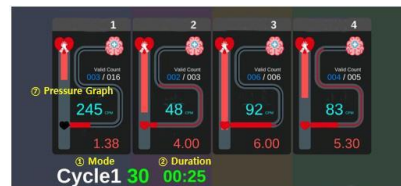
Timed practice with live scoring: compression and valid compression counts, a rate gauge against the 100–120 per minute standard, and a depth graph with average against the 5–6 cm standard.

## GAME

Race format of 30, 60, or 90 compressions with child and adult modes. Game time equals twice the compression count, and players finish ranked on effective compressions.



TRAINING MODE · LIVE RATE & DEPTH



GAME MODE · RANKING

## AHA GUIDELINES

F-AHEART meets American Heart Association (AHA) guidelines by offering an instrumented directive feedback device that measures compression rate, depth, hand position, recoil, and chest compression fraction, and provides real-time audio or visual feedback (or both) on these critical CPR skills. A feedback device can be integrated into a manikin or serve as an accessory to a manikin. Due to the nature of the device, allow for a certain margin of error in measurements, which can vary with environmental and operator conditions.



SCAN FOR PRODUCT  
DETAILS & QUOTE

## CONTACT

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