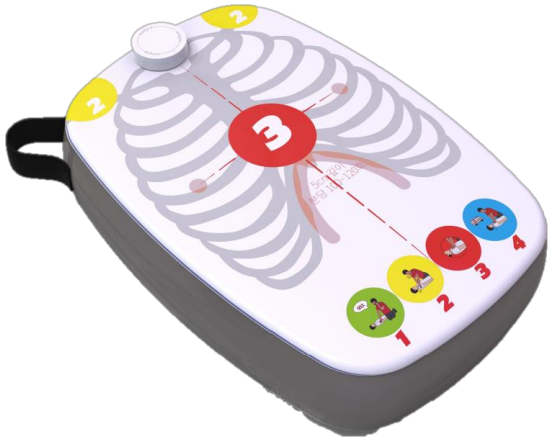
CPR TRAINING & PUBLIC EDUCATION • IOT FEEDBACK SYSTEM

FSI® F-AHEART CPR TRAINING DEVICE

FSI NORTH AMERICA® SAFETY THROUGH TECHNOLOGY
A DIVISION OF FIRE SAFETY INTERNATIONAL

Meets AHA instrumented directive feedback guidelines · Real-time audio-visual feedback · Study, Training & Game modes



F-AHEART

CPR Training Device

The F-AHEART trains anyone to administer CPR using inflatable air structures in place of conventional manikins. Trainees compress a printed Air Dummy modeled after the human body while a Bluetooth Air Sensor reads the pressure changes inside it in real time, and the F-AHEART app scores every compression against the 100–120 per minute rate and 5–6 cm depth standards. One app connects up to four trainees at once, and study, training, and game modes keep adults and children engaged while they learn.

SYSTEM COMPONENTS

Air Dummy	Human-body training model in Double Wall (Drop Stitch) fabric that lies flat without ballooning when inflated. Inflates and deflates in moments, stores compactly, and can be custom-printed in various designs. Two air inlets: a sensor mount on top and a pump inlet on the side.
Air Sensor	Cylindrical 70 mm sensor detects air-pressure changes inside the Air Dummy in real time and transmits to the app over Bluetooth. USB-C rechargeable with charge and connection LEDs. Powers down automatically 3 minutes after a lost connection.
F-AHEART App	Free on the App Store and Google Play. Study, Training, and Game modes connect up to 4 trainees with real-time audio-visual feedback on every compression.

AIR SENSOR

SPECIFICATIONS

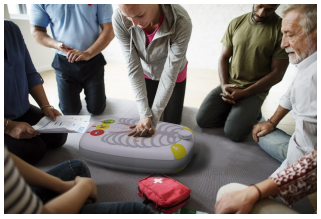
Training standards	100–120 compressions per minute · 5–6 cm compression depth
Measured skills	Compression rate, depth, hand position, recoil, chest compression fraction
Trainees	Up to 4 simultaneously on one app
Operating pressure	20–30 mBar, adjusted to trainee body size
Game mode	30 / 60 / 90 compressions · child and adult modes · live ranking
App languages	English, Korean, Chinese, Japanese, French, Slovenian

TRAINING APP

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 DETAILS & QUOTE



IN USE