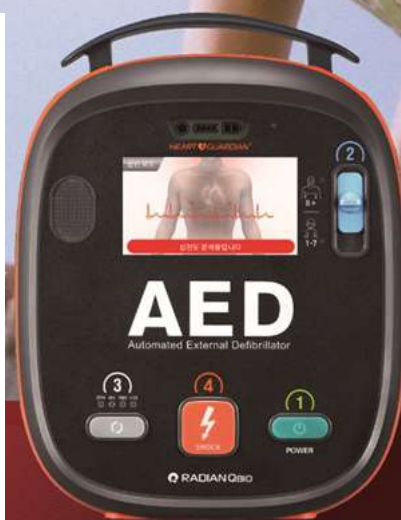


AED

Automated
External
Defibrillator

Heart Guardian™ HR-701 Plus, a portable electric device operated by battery power, is an easy-to-use Semi Automated External Defibrillator. The AED automatically analyses patient's ECG and identifies and advises electrical shock if it is necessary. Nearly every procedure for AED operation is guided through voice audio guidance and beep sound, as well as visual information of image on LCD screen. HR-701 Plus is designed to operate in accordance with the CPR guidelines set by the European Resuscitation Association (ERC) and the American Heart Association (AHA).



HR-701 Plus

HEART GUARDIAN Technology for Life

CE
2460

MADE IN KOREA

HR-701 Plus

- Energy upto 250J
- Real Time Patient ECG

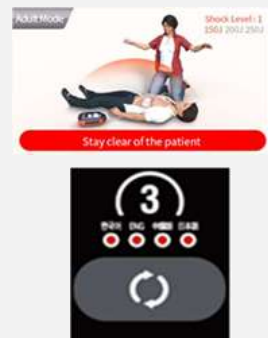
Technology for Life
RADIAN QBio



Anyone can save a life with an AED

Easy-to-use

- ✓ Voice instructions and video prompts on 4.3" LCD screen guide you through the process including CPR and AED, as well as the beep sound leads the CPR compression speed.
- ✓ One machine has four languages, which is convenient for people who listen to Cantonese, English, Putonghua or Korean at any time. It is suitable for public places, property buildings, colleges, hotels, etc.



Safe-to-use

- ✓ If shock is needed, audio message will direct you to press the shock button. However, if unstable condition happens, you can skip the press to avoid unsafety.
- ✓ Status indicators show that the condition of device, battery level and pads presence are ready for use.
- ✓ The ambient light sensor automatically adjusts the brightness of the LCD screen, allowing you to use it in the environments indoor and outdoor at any time.



Low cost of ownership

AED electrode pads are applied to both adult and child, simply by pushing one button on AED to switch to child mode. This is suitable for the place where children and adults attend, and operators can provide helps for patients of different ages more quickly.



Heart Guardian HR-701 Plus AED specifications

DEFIBRILLATOR

Type	Semi Automated External Defibrillator	Waveform	Biphasic Truncated Exponential (BTE)
Products size	222 (W) x 280 (L) x 74.4 (T) mm	Electric shock energy	.Adult mode: 150J ±15%, 200J ±15%, 250J ±15% .Child mode: 50J ±15%
Weight	2.3 kg including battery	Impedance range	25Ω to 175Ω

PATIENT ANALYSIS AND DATA RECORDING

Patient analysis	The AED ECG analysis system automatically analyzes the patient's ECG and advises user when defibrillation is required	Safety and performance	IEC60601-1 (Type BF – Applied part) IEC60601-2-4 and IEC 60601-1-12 EN 1041, ISO 15223-1
ECG Analysis	8.5 seconds	Hi-Cap Charging	8 seconds
ECG data record	10 Mbyte (approx.100 ECG data and logs can be recorded)	Number of shock and Operating time	For a new, fully charged battery pack at 20~ 30°C: at least 28 discharges at maximum energy or 10 hours of continuous ECG monitoring.

USER INTERFACE

Instructions	Video prompts and voice prompts guide user through operation of the defibrillator	Controls	Green power button, Orange shock button, Adult/Child mode switch, Language selection button
CPR coaching	Voice coaching for adult CPR provides instructions and beep sound for appropriate number and rate of chest compressions and artificial respiration	Indicators	Status LCD indicators, LCD pop-up of error message and code, Shock button lights up when shock is advised

SELF TESTS

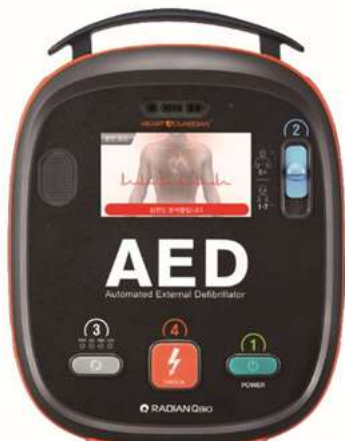
User-initiated	Unit and battery pack test initiated by the user	Status indication	Visual and audio indication of unit status
Battery insertion	Battery pack test initiated by battery insertion	Automatic	Monthly check on charge/discharge, Battery output level test
Pad presence	Pads preconnected tested		

APPLICABLE STANDARD AND ENVIROMENTAL PARAMETER

Shock	IEC60068-2-27	Enclosure (Particle and water ingress)	IEC 60529, IP55
Vibration	IEC60068-2-64 (10Hz to 2,000Hz)	Temperature	Operating: 0 ~ 40°C (32 ~ 104°F) Storing/transporting (within 5days): -20°C ~ 60°C (-4°F to 140°F) If the temperature is out of the range (0~ 40°C), the operating temperature must be maintained to appropriated temperature for at least 1 hour.
Free fall drop	IEC60068-2-32 (1m)	Humidity	Operating: 30 ~ 95% (non-condensing) Storing/transporting (within 5days): 5 ~ 95%
EMC	IEC60601-1-2CEMC (EMC) Directive 2014/30/EU	Altitude	Operating and storing/transporting (within 5days): 52.73 ~ 101.325 kPa

AED HR-701 Plus

Heart Guardian



- Automatic Self-test
- Adult/Child Mode Compatible Switch (Energy: 150J~250J for Adult / 50J for Child)
- 4.3" High Resolution Color LCD display
- Size: 222(W)x280(L)x74.4(T)mm
- Weight (with battery): 2.3kg (5lb)
- Particle and Water Ingress: IP-55



Appropriate locations

- ♦ Offices
- ♦ Schools
- ♦ Homes
- ♦ Clinics
- ♦ Workplaces
- ♦ Shops and malls
- ♦ Sporting venues
- ♦ Recreation facilities
- ♦ Any public place

HR-701 Pads



Model: P-701

Usage: Delivers electric shock to patient, detect patient's ECG signal

Type: Adhesive pads for both adult/child, pre-gelled, self-adhesive, non-polarized, pre-connected

Pouch Size: 150(W)x190(L)mm

Pad Size: 110(W)x120(L)mm, cable length: 1.8m

Shelf Life: 22 months

Single use only

HR-701 Battery



Model: BT-701

Usage: Electric power supply to AED

Type: LiMnO₂ (DC 12V 4.2Ah)

Size: 63(W)x174(L)x25.1(T)mm

Weight: 285g

Shelf Life: 4 years in standby mode

HR-701 Semi Rigid Carrying Case



Model: HR-B7

Usage: Storage and protection

Type: Plastic, artificial leather

Size: 229.6(W)x280(L)x88(T)mm

RADIAN QBio Co., Ltd.

#1609, #1610, #1611, Halla-Sigma Valley, 53, Gasan digital 2-ro, Geumcheon-gu, Seoul 08588 KOREA

T. +82-2-852-1122 E. overseas@radianqbio.com

www.radianqbio.com

This document is for Hong Kong and Macau distribution only.

Copyright © Call On Site Support Services And Products Limited