



The **Philips Heartstart FR3** is an Automatic External Defibrillator (AED). The HeartStart FR3 is small, lightweight defibrillator/AED that is easy to transport with other emergency medical Equipment. the AED was designed for quick action, helping you start therapy on the patient faster. The Color LCD screen can quickly display the patient's heart rhythm. The System can deliver highly effective shocks in a manual or automatic mode while reducing side effects. The Philips Heartstart FR3 comes standard with peel and place SMART Pads III and Philips SMART CRP guidance software. The Philips AED can be used on both adults and children.

Features

- Automatically powers on by opening the FR3 carry case
- Per-connected pads that are peel and place
- Can deliver a shock in 8 seconds
- SMART PADS can be used for adults and children,
- Patient- specific guidance with Philips SMART CPR
- Comes with an infant /child key to decrease defibrillation
- Performs a daily, weekly, and monthly self-test automatically
- Has a Bilingual configuration



Specifications

Size with external paddles

12.4" (W) x 7.7" (D) x 13.4" (H) (313 mm x 195 mm x 340 mm) "/mm

Size without external paddles

12.4" (W) x 7.7" (D) x 11.7" (H) (313 mm x 195 mm x 295 mm) "/mm

Weight

13.2 lbs. (6 kg): base unit with 1 battery/pads and pads cable.
 13 lbs. (5.9 kg) with optional 75 mm strip chart printer.
 Paddle tray and external standard paddles add less than 2.5 lbs. (1.1 kg).
 Carrying case adds 4.1 lbs. (1.86 kg). lbs/kg

Defibrillation

Waveform: Truncated Exponential Biphasic. Waveform parameters adjusted as a function of patient impedance.
 Output Energy: Manual (selected): 1-10/15/20/30/50/70/100/120/150/170/200 Joules into a 50 Ohm load
 AED Mode (single energy output): 150 Joules into a 50 ohm load. Joules/Ohm
 Charge Time: Less than 5 seconds to 200 Joules with a new/ fully charged lithium ion battery at 25° C
 Shock Delivery: Via multifunction defib electrode pads or paddles
 Shock-to-Shock Cycle Time: Typically less than 20 seconds seconds
 Minimum Patient Impedance Range: 15 Ohm (internal defibrillation); 25 Ohm (external defibrillation) Ohm
 Maximum Patient Impedance Range: 180 Ohm Ohm
 AED Mode: Shock advisory sensitivity and specificity meet AAMI DF-39 guidelines

Environmental & physical requirements

Solids/Water resistance: IP24
 Operating temperature: 0° - 45° C (32° - 113° F) ° C/° F
 Storage temperature: -20 - 70° C (-4° - 158° F) ° C/° F
 Operating humidity: 0% to 95% relative %
 Operating altitude: 0 to 15000 ft (0 to 4500 m) ft/m
 Storage altitude: 0 to 15000 ft (0 to 4500 m) ft/m

Battery

Type: 6.3 Ah, 14.8 V, rechargeable lithium ion Ah/V
 Dimension: 6.5" (H) x 3.8" (W) x 1.6" (D) (165 mm x 95 mm x 42 mm) "/mm
 Weight: 1.6 lb. (0.73 kg) lb/kg
 Charge Time: Approximately 3 hours from fully depleted to 100%. 90 minutes from fully depleted to 80% hours/%
 Capacity(b): At least 3.5 hours of continuous 12-lead ECG/SpO2 and CO2 monitoring.
 With NBP every 15 minutes and pacing at 180 ppm at 160 mA on one new fully charged battery. hours

