

# iPAD CU-SPR DEFIBRILLATOR - AED - GB,PT,GR,NL,RO,LT,RU,UA,KR specify language with order



Product Code	35402
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II B

RDM (NSIS)	1909642
CND	Z12030501

## Description

### SEMI AUTOMATIC i-PAD CU-SPR DEFIBRILLATOR

Software voice: US, PT, GR, RO, LT, NL, RU, UA, KR, TH  
CD manual: US, PT, NL, KR

Advanced and intuitive public access Semi-automated External Defibrillator (AED). CU-SPR is simple to use, light, portable and supports both adult and pediatric patients rescue operations. It automatically reads patient's electrocardiogram (ECG) and determines if a cardiac arrest has occurred and a defibrillation is required.

The defibrillator has integrated voice prompts, LED and graphical indicators that can guide people throughout the rescue operation. Battery and pads status can be quickly monitored on the LCD screen so that the device is always ready to use. Thanks to its highly water and dust resistant case, CU-SPR can be used even in wet and rough conditions.

Suitable for public use.

#### Key features:

- device and consumables status on LCD screen for quick monitoring
- CPR metronome, voice guidance and graphic instructions
- adult-pediatric mode with quick change button
- data transfer via USB, need optional key

#### Technology

- semi automated e-cube biphasic defibrillation
- combined adult/pediatric pads for dedicated pediatric pads support
- automatic background noise analysis and device volume adjustment
- CPR step detection indicator for more effective CPR

#### Safety

- highly water resistant case IP66
- automatic internal discharge
- daily, weekly and monthly self-test
- shock resistant carrying case

## Technical Specifications

### Defibrillator

Operating mode: semi-automated

Waveform: e-cube biphasic (Truncated exponential type)

LCD/LED display: device status, battery level and pads status

Output energy for adults: 200 J at 50 Ω load

Output energy for children: 50 J at 50 Ω load

Charge control: controlled by an automated patient analysis system

Charging time: within 3 seconds from when the voice instruction, "An electric shock is needed" is issued  
Time from initiation of rhythm analysis: 12 seconds with a new battery (even after the delivery of 15 discharges at 200J)  
Time from power on to readiness for discharge: 25 seconds with a new-fully charged battery (even after the delivery of 15 discharges at maximum energy)  
Time from CPR to shock: at least 6 seconds from the end of CPR to shock delivery  
Disarm:  
- patient's heart rhythm changes to non-shockable rhythm  
- SHOCK button is not pressed within 15 seconds  
Speaker: provides voice prompts  
Sound level: 80 ~ 90 dB ( $\pm 3$ dB), apart 1m above speaker  
Beeper: provides various audible indications  
Automatic self test: "power On Self-Test, Run-time Self-Test Daily, Weekly, and Monthly Self-Test"  
Manual test: battery pack insertion test  
Battery type: 12V DC, 4.2 Ah LiMnO<sub>2</sub>, disposable  
Operating time: at least 150 shocks (200J) for a new battery or 6 hours of operating time  
Battery shelf life: at least 5 years from the date of manufacture  
Storage: internal memory: 5 individual treatments, up to 3 hours per treatment  
Size - weight: 240x230xh 70 mm - 2 kg

ECG analysis system  
Impedance range: 250 to 1750  
Shockable rhythms: ventricular fibrillation or fast ventricular tachycardia  
Acquired ECG Lead: Lead II  
Frequency response: 1 Hz to 30 Hz

## Standard accessories

Adult pads  
Carrying bag  
Disposable lithium battery pack  
Paper manual (GB, IT)