

# iPAD

OUR  
NEW MODEL  
FROM THE  
**iPAD**  
FAMILY

## CU-SPR Defibrillator

A **NEW**, next generation iPAD AED  
from the iconic iPAD range.



[www.welmedical.com](http://www.welmedical.com)

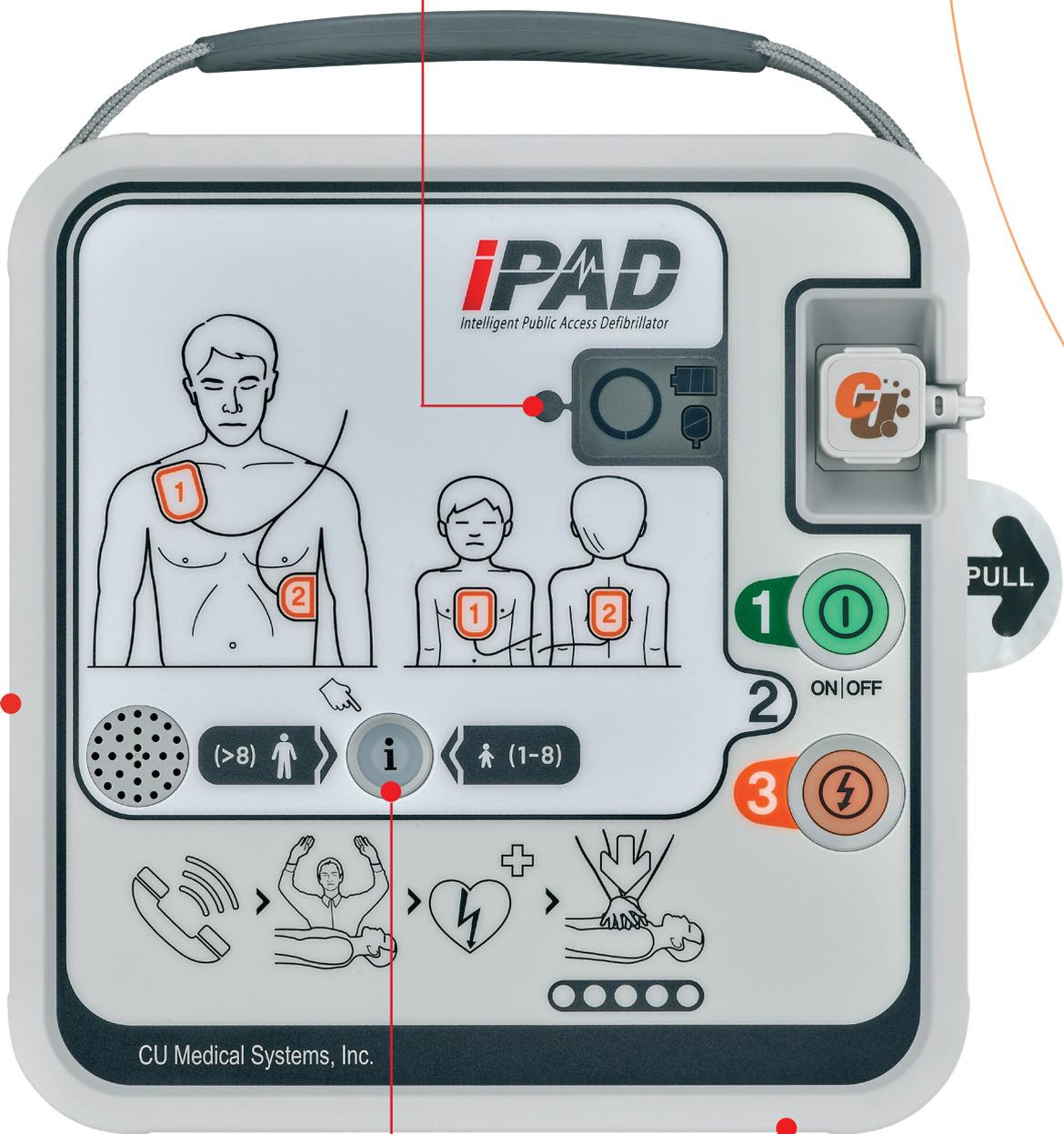
# The CU-SPR Defibrillator

**NEW**

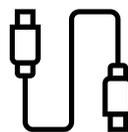
# **iPAD** CU-SPR Defibrillator

Status LCD screen for quick monitoring

CPR  
metronome  
& voice  
guidance



Adult / Paediatric  
mode quick  
change button



**NEW**  
USB DATA  
TRANSFER

Records up  
to 5 events  
up to 3hrs  
per event

## Advanced and intuitive public access AED.

- Highest IP66 rating AED – **highly water resistant** in rugged and water hazardous environments
- **NEW** USB data transfer – includes real time log event and ECG Trace. Records up to 5 events up to 3hrs per event



SUITABLE FOR  
RUGGED & WATER  
HAZARDOUS  
ENVIRONMENTS



This WEL Medical pack includes a **set of dual pads** with a **4 year battery warranty** (up to 5 years life expectancy on standby) and **10 year warranty** upon registration.

**PLUS** a High Visibility Carry Case.



## KEY FEATURES

### CONVENIENCE

- Device and consumables status LCD screen for quick monitoring
- CPR metronome, voice guidance, and graphic instructions
- Adult / Paediatric mode quick change button
- Data transfer by USB

### SAFETY

- Automatic internal discharge
- Daily / weekly / monthly self-test
- Shock resistant carrying case
- Highly water resistant casing IP66 / IP68 (Option)

### TECHNOLOGY

- Semi-automated e-cube biphasic defibrillation
- Combined Adult / Paediatric pads
- Automatic background noise analysis and device volume adjustment
- CPR step detection indicator for more effective CPR

# IPAD CU-SPR SPECIFICATIONS

## Physical

Dimensions	240mm x 230mm x 70mm (Width x Length x Height)
Weight	2kg (Including the battery pack and pads)

## Environmental

Operating Conditions	Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity: 5% ~ 95% (non condensing)
Storage Conditions	Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity: 5% ~ 95% (non condensing)
Transport Conditions	Temperature: -20°C ~ 60°C (-4°F ~ 140°F) Humidity: 5% ~ 95% (non condensing)
Altitude	0 to 4,572 m (0 to 15,000 ft.) – operational and storage
Drop	Withstands 0.75 meter drop to any edge, corner, or surface
Vibration	Operating: Meets MIL-STD-810G Fig.514.6E-1 Standby: Meets MIL-STD-810G Fig.514.6E-2
Sealing (Regular)	IEC 60529:2013 IP66
Sealing (Optional)	IEC 60529:2013 IP68
ESD	Meets IEC 61000-4-2:2008
EMI (Radiated)	Meets IEC 60601-1-2 limits, method EN 55011:2016+A1:2017, Group 1, Class B
EMI (Immunity)	Meets IEC 60601-1-2 limits, method EN 61000-4-3:2006+A2:2010 Level 3 (10V/m 80MHz to 2.5GHz)

## Defibrillator

Operating Mode	Semi-automated
Waveform	E-cube biphasic (Truncated exponential type)
Output Energy	150J at 50 Ω load for adults 50J at 50 Ω load for children
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	10 seconds with a new battery (even after the delivery of 15 discharges at 150J) 12 seconds with a new battery (even after the delivery of 15 discharges at 200J)
Time from CPR to Shock	At least 6 seconds from the completion of CPR to shock delivery
Disarm	Patient's heart rhythm changes to non-shockable rhythm The SHOCK button is not pressed within 15 seconds

## ECG Acquisition

Acquired ECG Lead	Lead II
Frequency Response	1 Hz to 30 Hz

## ECG Analysis System

Impedance Range	25Ω to 175Ω
Shockable Rhythms	Ventricular Fibrillation or Fast Ventricular Tachycardia
Sensitivity and Specificity	Meets ANSI/AAMI DF80 guidelines

## WEL MEDICAL

1 CHANCERYGATE WAY · FARNBOROUGH · HAMPSHIRE · UK · GU14 8FF

## Controls, Indicators, and Prompts

Controls	Power Button Shock Button Adult/Paediatric Selection Button
Status LCD	Displays device status, battery level and pads status
Status LED	Displays device status, battery level and pads status
Indicators	Do-Not-Touch-Patient Pads Patch Position Indicators Pads Connector Status Indicator Status LED Indicator CPR Detection Indicator Shock Button Blue i-Button
Speaker	Provides voice prompts
Sound Level	80dB ~ 90dB (±3dB), apart 1m above speaker
Beeper	Provides various audible indications
Battery Level	Shown on the Status LCD
Low Battery Indicator	Flashing red i-Button

## Self-Test

Automatic	Power On Self-Test, Run-time Self-Test Daily, Weekly, and Monthly Self-Test
Manual	Battery Pack Insertion Test

## Battery Pack

Battery Type	12V DC, 4.2Ah LiMnO <sub>2</sub> , Disposable
Capacity	At least 200 shocks (150J) or 8 hours of operating time
Standby Life	At least 5 years from the date of manufacture
Temperature Ranges	Operating Temperature: 0°C ~ 50°C (32°F ~ 122°F) Storage Temperature: -20°C ~ 60°C (-4°F ~ 140°F)

## Adult / Pediatric Defibrillation Pads

Surface Area	85cm <sup>2</sup>
Cable Length	120cm
Shelf life	At least 36 months from the date of manufacture

## Data Storage and Transfer

USB	External memory. Data may be copied from the internal memory to the USB.
File System	FAT32
Internal Memory Data Capacity	5 individual treatments, up to 3 hours per treatment



DEFIBRILLATORS | DEFIBRILLATOR DEVICES | DEFIBRILLATOR TRAINING | CONSUMABLES

T 01252 344007

www.welmedical.com

orders@welmedical.com