iPAD

OUR NEW MODEL FROM THE IPAD FAMILY

CU-SPR Defibrillator

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

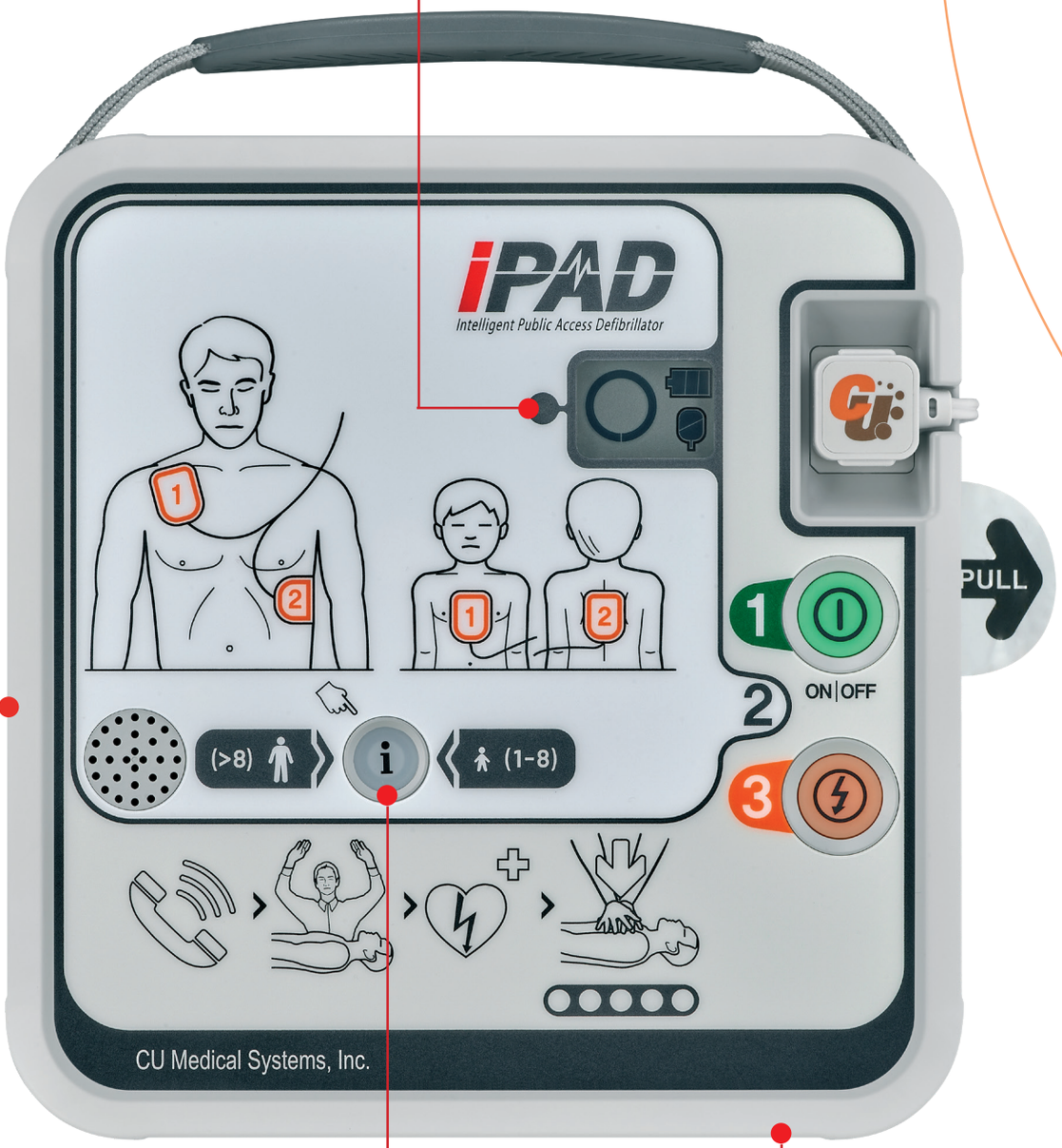
The CU-SPR Defibrillator

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 package 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℃ ~ 50℃ (32℉ ~ 122℉) Humidity: 5% ~ 95% (non condensing)
Storage Conditions	Temperature: 0℃ ~ 50℃ (32℉ ~ 122℉) Humidity: 5% ~ 95% (non condensing)
Transport Conditions	Temperature: -20℃ ~ 60℃ (-4℉ ~ 140℉) 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

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 LiMnO2, 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	85cm²
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