IPAD CU-SP1 INTELLIGENT PUBLIC ACCESS DEFIBRILLATORS

SEMI-AUTOMATIC

AHA 2020/ERC 2021 CPR GUIDELINES

CE 2460

AUTOMATIC

The IPAD CU-SP1 can store up to 5 events with up to 3 hours of ECG analysis.

35340, 35355-6

5 YEARS WARRANTY

35338-9

SEMI-AUTOMATIC AND AUTOMATIC IPAD CU-SP1 DEFIBRILLATORS
CU-SP1 is the latest generation of intelligent public access defibrillators with innovative features.

CU-SP1 Semi-Automated External Defibrillator (AED)
Easy-to-use, small, light and portable semi-automated external defibrillator with battery. The AED automatically reads the patient's electrocardiogram (ECG) and determines if a cardiac arrest, that requires defibrillation, has occurred, so that both medical professionals and general public can easily operate it.

CU-SP1 Fully automated external defibrillator (AED)
If connected to a patient, the device acquires and analyses the electrocardiogram (ECG) for the presence of Ventricular Fibrillation or Ventricular Tachycardia (shockable rhythms). If a shockable rhythm is detected, the device automatically charges itself. After charging is completed, the equipment delivers an electric shock automatically. The devices are easy to use, guide throughout rescue operation using voice prompts and indicators (LED and graphical indicators).

Features for both models

- Auto volume adjustment
It detects ambient noise and automatically adjusts volume of its prompts to make them audible over the background noise.

- Smart pads - intelligent storage
The pre-connected "Smart" electrode pads are stored in an easy access compartment on the underside of the unit. This ensures that the IPAD SP1 is always ready to be used in the shortest time possible. In addition, the visual frontal indicator shows if the connected pads are within their life expectancy. The indicator will change when the pads have only 3 months life left before their expiry date giving you time to arrange for replacements. It will change again when the expiry date is reached.

- CPR detection
CPR ensures that the casualty has the best chances of survival. The CU-SP1 detects if CPR is being performed with appropriate prompts, if not it encourages the responder to perform it.

- Easy communication with CU-EX1 software
Installing CU-EX1 software onto a computer allows you to see and analyze the usage history of the unit. Information such as time of "power on", the casualty's heart rhythm and shocks delivered are all clearly presented.

- 26 languages available (to be indicated with order)
Selectable software languages: see below

GIMA code	IPAD CU-SP1 DEFIBRILLATOR - semi-automatic		
	Model	Software voice	Online Manual*
35340	CU-SP1-semiautomatic	US, GB, FR, IT, ES, DE, PL, KR, JP, Arabic	US, GB, IT, ES, DE, PL, FR, KR, JP, Arabic
35355	CU-SP1-semiautomatic	US, HU, CZ, NO, DK, SE, FI, SK, KR, IL	US, CZ, NO, DK, SE, SK, KR, IL
35356	CU-SP1-semiautomatic	GB, PT, GR, RO, LT, NL, RU, UA, KR, TH	GB, PT, NL, KR
GIMA code	**IPAD CU-SP1 DEFIBRILLATOR - automatic**		
	Model	Software voice	Online Manual*
35338	CU-SP1-automatic	US, PL, CZ, DK, SE, FI, NO, LT, UA, KR	GB, CZ, DK, SE, NO, KR
35339	CU-SP1-automatic	US, GB, FR, IT, ES, DE, PT, GR, NL, KR	US, GB, IT, ES, DE, PT, NL, KR

Languages listed in "Voice", but not in "Manual" have English manual. Paper manual only for GB, IT

TECHNICAL SPECIFICATIONS

Defibrillator

Operating mode:	Semi-automatic or Fully-automatic
Waveform:	e-cube biphasic (Truncated exponential type)
Energy:	Adult: nominal 150J between 25 to 175 ohm Infant/child: nominal 50 joules at 50 ohm
Charge control:	controlled by automated patient analysis system
Charging time:	within 10 seconds since voice instruction "an electric shock is needed"
Sealing:	waterjet proof IPX5 per IEC60529 (IP55) dust protected IP5X per IEC60529
Size - weight:	260x256x69.5 mm - 2.4 kg (including pads and battery)

User interface

User support:	detailed voice prompts and flashing indicators
CPR guidance:	voice prompts for how to perform CPR for adult and child
Controls:	on/off button, "i" button, shock button (only 35340, 35355-6)
Indicator:	LCD display (Device status, Battery status, Pads status)
Sensing:	pads expiry date, Pads connection status

CPR Monitoring
Automatic Volume adjustment

Data recording and transmission

IrDA port / SD card:	for PC communication

Internal Memory Data capacity: multi recording 5 individual events / Max 3 hours
Data review PC Programme: CU-EX1

Patient analysis system

Patient Analysis:	Shockable Rhythms - Ventricular Fibrillation, Tachycardia
Sensitivity/Specificity	Meets AAMI DF80 Guideline

Disposable high capacity battery

Standard	Type: DC 12 Volt 4.2 Ah, Lithium manganese dioxide
Capacity:	Minimum 200 shocks or 8 hours of operating time

Altitude operating range

Altitude	0-4,570 m (0-15,000 feet)

Selectable language by user
35343

35344

33423

GIMA code	ACCESSORIES FOR CU-SP1
35342	Trainer Defi Pads - kit of 2
35343	Trainer - 14 selectable software languages (GB, IT, SE, FI, NO, DK, HU, RU, UA, JP, KR, IL, TH, Arabic)
35358	Trainer - 14 selectable software languages (GB, FR, ES, PT, DE, PL, CZ, GR, NL, SE, RO, LT, US, KR)
35344	Adult PADS - kit of 2 pcs - disposable
35345	Pediatric PADS* - kit of 2 pcs - disposable
35346	Disposable lithium battery $LiMnO_2$ high capacity 4.2 Ah
33423	Wall cabinet with sound alarm 340x335x180 mm
35349	SD card+ software for event recording download

*For children 1 to 8 years or 10-25 kg

STANDARD ACCESSORIES

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