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## **CU Medical iPAD SP1 AUTO defibrillator (New)**

New,

South Korean manufacture,

Simple design, intuitive operation supported by light and voice messages, as well as high-quality materials used in the production of iPad SP1 make it a reliable device and great for use in public places as well as in workplaces,

Defibrillators of the iPad series are characterized by high resistance to water, dust and mechanical damage, so they are an ideal choice wherever there are difficult working conditions. AED iPAD will successfully meet the expectations of qualified rescue units and uniformed services,

With easy-to-read backlit illustrations that highlight key commands, the AED intelligently guides the user through the entire rescue process. The gentle, reassuring tone of the voice prompts, the volume of which is automatically adjusted to the noise level, makes the rescuer's effectiveness much higher than with other AEDs,

The LCD screen allows you to quickly check the status of batteries and electrodes,

Very well solved pediatric mode in the form of sliding button, eliminates accidental activation of "child" mode,

CU Medical iPAD SP1 AUTO is an automatic external defibrillator,

Features and advantages of the defibrillator:

Automatic operation - a defibrillation shock, if the defibrillator determines that it is recommended, is triggered automatically by the device, without further action by the rescuer,

Universal electrodes: for defibrillation of adults and children,

Pediatric mode: change the operation of the device to pediatric mode at the flip of a switch,

Adaptive message volume: in case of noise, the defibrillator automatically adjusts the volume of voice messages,

Message language: Polish,

Self-tests: a choice of daily, weekly or monthly self-tests, through which the device's technical condition, battery capacity and electrode life are regularly checked,

Data recording: thanks to the memory card, the defibrillator has the ability to record patient parameters or full recording of 5 rescue actions (maximum duration is 3 hours),

Durable battery: provides a 5-year standby period or allows up to 200 discharges,

IP55: resistant to water, dust and mechanical damage,

Defibrillation parameters:

Output energy: for adult patients is 150 J at 50  $\Omega$ , for pediatric patients is 50 J at 50  $\Omega$ ,

Shock charging time: about 6 seconds,

Charging time after CPR: about 6 seconds,

The waveform is a two-phase e-cube that is truncated exponentially,

ECG:

Level II ECG lead,

Frequency response from 1 Hz to 30 Hz,

Patient impedance range of 25  $\Omega$  to 175  $\Omega$ ,

Meets ANSI/AAMI DF80 requirements,

Operational notes:

Controls: power button (on/off), 'i' (information) button, sliding defibrillation mode switch (adult/child),

LCD display: Displays device status, battery level and electrode status,

Speaker: Issues voice commands. The device analyzes the level of ambient noise and automatically adjusts the volume of the commands to make them clearly audible,

Tests:

Automatic: self-diagnostic test for on/off, run time. Daily, weekly and monthly tests,

Manual: test regarding the installation of the battery (performed when the user inserts the battery in the appropriate place in the device),

Battery:

Power: 12V, 4.2Ah LiMnO<sub>2</sub>, Longlife,

Lasts for 200 discharges or 8 hours of continuous operation,

5 year warranty,

Temperature range: in operation mode from 0 °C to 43 °C, in storage mode: from -20 °C to 60 °C,

Electrodes:

CUA1007S universal electrodes (adult/child): Electrode area: 85 cm<sup>2</sup>, total cable length: 120 cm (inside package: 95 cm, outside: 25 cm), shelf life: up to 36 months,

CUA1102S electrodes for children (optional for purchase): Electrode area: 85 cm<sup>2</sup>, total cable length: 120 cm (inside package: 80 cm, outside: 40 cm),

shelf life: up to 30 months,

Data storage and transfer:

Internal memory: 5 separate operations lasting up to 3 hours each,

SD card: External memory, data can be copied from internal memory to SD card,

IrDA: for communication with a computer,

Norms (standards):

Sealing: IEC 60529: IP55,

ESD: Meets IEC 61000-4-2:2008,

EMI emission: Meets IEC 60601-1-2 standard,

EMI immunity: Meets IEC 60601-1-2 standard,

Vibration: Meets military standard - in operation: MIL-STD-810G Fig. 514.6E-1, in standby mode: MIL-STD-810G Fig. 514.6E-2,

Altitude: 0 to 4.572 km (in operation and standby mode),

Resistant to dropping from a height of 1.2 m on any surface,

Environmental conditions: operating temperature: 0 to 50°C, storage temperature: 0 to 50°C, transportation temperature: -20 to 60°C,

Weight and dimensions:

Dimensions (W x L x H): 26 x 25.6 x 6.95 cm,

Weight: 2.4 kg including battery and electrodes,

The kit includes:

AED iPAD SP1 AUTO Defibrillator,

5-year battery,

Universal electrodes,

Carrying bag,

Mini first aid kit,

Operating Instructions.

It has a current Technical Passport issued,

Warranty: 5 years,

Possibility of financing (Poland only): Installments, Leasing, Loan,

