Cardio-Aid™ 360-B

Biphasic defibrillator

Specification

Defibrillator:
Waveform: STAR™ biphasic

Energy:
External electrodes: 2-360 J in 15 steps
Internal electrodes: 1-50 J in 15 steps

Charging time:
To 200 J: typ. 2.7 sec
To max. energy: typ. 4.5 sec
Energy availability: automatic discharge after 30 sec

Cardioversion:
Synchron shock delay: less than 40 ms

ECG input:
From defibrillator paddles
From defibrillator disposable electrodes
From 3-, 5-, 10-lead ECG cables

Pulseoxymeter:
Nellcor™ technology

Non-invasive Blood Pressure Measurement:
SunTech® technology

Alarm system:
Functional alarms
Technical alarms
Alarm with acoustic and visual signals

Event storage:
Event storage capacity: practically unlimited
Archived events can be displayed on PC

Transcutaneous pacemaker:
Therapeutic waveform:40 ms rectilinear
Pacing mode: fixed or demand

Display:
Bright colour TFT LCD with wide viewing angle
Displayed curves: max. 13

Printer:
Multichannel thermal printer
Operating modes: Manual
Automatic
Online and offline event printing

Power:
Built-in rechargeable battery
Built-in mains power supply
Mains: 90-240 V_{AC}, 50/60 Hz

Operating time on battery:
Monitoring: 4.5 hour
Pacing mode: 3 hours with 60 BPM, 160 mA
Shocks: >200 shocks at 200 J

Weight:
Basic unit: appr. 5.9 kg
Basic unit with battery and paddles: appr. 6.9 kg

Dimensions:
31 x 36 x 25 cm

Safety class:
I, CF

US Patent No:

5,405,361	5,968,080
5,643,324	6,263,239
5,484,452	5,909,138
5,601,610	WO 2002/028479
6,029,085	5,891,173
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Cardio-Aid™ 360-B

Biphasic defibrillator

- 360 J biphasic
- 12-channel ECG
- Pacer
- AED mode
- SpO_2
- NIBP
- 2.7 sec charging time

Seconds for life

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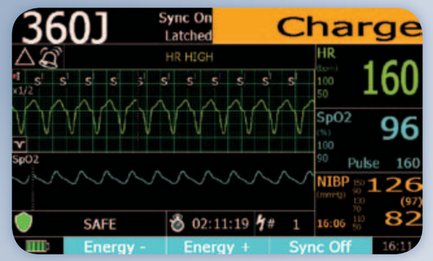
Innomed Medical

Cardio-Aid™ 360-B biphasic defibrillator integrates state-of-the-art technologies which make quick life saving possible.



360 Joule

Cardio-Aid™ 360-B delivers a biphasic shock even at 360 J energy level if it is necessary.

2.7 sec typical charging time*

The exceptionally short charging time ensures the quickest possible intervention, increasing the chance for survival.

AED mode

The user is guided by clear screen and voice commands through the resuscitation procedure according to the latest ERC guidelines. Safe and simple operation minimizes the chance of mistakes from user's side, after receiving a brief training.

STAR™ biphasic waveform

The main goal of designing **STAR™** (Self-Tracking Active Response) biphasic waveform was to optimize energy delivery. Maximal energy accuracy is guaranteed by the FPIM technology under any circumstances, which ensures the most effective therapy.

VF detector

The applied FVFT technology guarantees quick and reliable detection of patient arrhythmia both in AED and in manual modes.

*200 J second shock

Impedance measurement

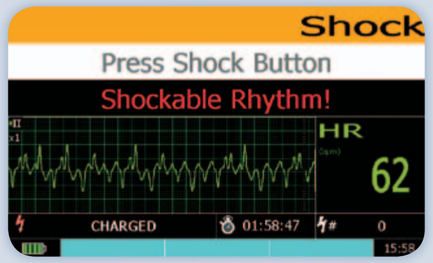
Patient's safety and efficiency of the therapy is achieved by the continuous monitoring of patient's chest impedance.

Intelligent energy management

New IBLT system always gives adequate information on the status of the battery. The operating time on battery is significantly increased.
Even in case of missing or flat battery, all functions of the device can be operated from mains.

Cardioversion

Due to QSDT procedure, delay of detection is minimized and the reliability of cardioversion therapy is increased.

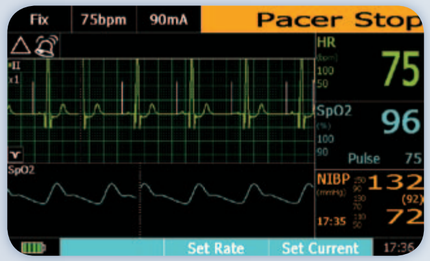


Transcutaneous pacer

For quick intervention, not only disposable electrodes but also multifunctional defibrillation paddle-electrodes can be used during the application of external pacer therapy.

12-channel ECG

DSP technology based ECG helps the doctor with accurate information before and after intervention. The intelligent IPDT method ensures the appropriate monitoring of patients with implanted pacemaker.



Multifunctionaility

Cardio-Aid™ 360-B defibrillator is dedicated to clinical and hospital use. Due to its easy handling and high-level services, both experienced personnel and laymen can use it fast and effectively.

The reliable SunTech® NIBP module built in the device measures patient's blood-pressure in a fast and accurate way.
Precise oxygen saturation measurement is guaranteed by **Nellcor™** pulseoxymeter technology.

ALL-IN-HAND simple handling

The multifunctional external paddle-electrodes are equipped with ergonomic setting keys. Energy level can be set, charging and shock delivery can be started from paddle-electrodes, this way user does not have to touch the device during operation.

Design

Ergonomically designed housing provides comfortable portability.

Accessoires and Options

Internal electrodes

ECG electrodes

Multifunctional paddles

Pacer electrodes

Pulseoxymeter sensor

Nellcor™ technology

NIBP cuff

Suntech® technology

Carrying bag

Printer