

## Technical specifications:

### OPERATING MODE

Semi-Automatic External Defibrillator

### CLASSIFICATION

Protection type: Internally powered device  
electromag. Compatibility: Class B  
Degree of protection: TYPE BF with defibrillator protection  
Operating mode: continuous operation

### SIZE AND WEIGHT

Size: 206 x 97 x 252 mm  
Weight: 2300 g (with battery und electrodes)

### ACOUSTIC NOTIFICATIONS

Voice output (according to ILCOR recommendations) and  
Cardiopulmonary resuscitation (CPR) tone 100 times/min  
Battery condition and maintenance alarm

### VISUAL INDICATORS

Status indicator, battery status indicator, indicator  
for maintenance, display for checking the pads,  
Pad replacement indicator

### SHOCK DATA

Adults: 150 joules, then 200 joules  
Children: 50 joules, then 70 joules  
Chargetime: about 8 seconds  
(From the beginning of the analysis to the achievement of a  
Energy levels of 200 joules)  
(With a fully charged new battery pack,  
at a temperature of 20°C.)

### ENVIRONMENTAL REQUIREMENTS

temperature: Operation: -5°C - 50°C  
Storage: -20°C - 70°C  
humidity: Work : 5% - 95 %  
(not condensing)  
Storage: 5% - 95%

### POWER SUPPLY

Battery life continuous operation: 4 years in standby mode  
Lithium battery 15V DC (non-rechargeable)  
Lithium content: max. 6.4 g  
Air and Sea Dangerous Goods Classification: Class 9  
Storage: 6 years

### ELECTRODE PADS

Area of application: children and adults  
Type: Pre-connected disposable adhesive electrodes  
Shelf life: 24 months

### DATA STORAGE

3 individual events, up to 30 minutes with  
ECG recording and shock delivery

### BLUETOOTH INTERFACES

Default 2.1  
Frequency: 2400 to 24835 GHz  
Range: up to 10 meters

### SELF-TEST

Daily self-test: battery, defibrillator pads,  
internal electronics, shock button, software  
Monthly: battery under stress, defibrillator pads,  
internal electronics, charging cycle with maximum energy,  
shock button, software  
Technical safety control: according to MPBetriebV im  
free public space

### SAFETY/SAFETY STANDARDS

IEC 60601-1: 2005 + Addition 1: 20128  
IEC 60601-2-4: 2010  
IEC 60601-1-6: 2010 + Addition 1: 2013  
IEC 60601-1-9: 2007 + Addition 1: 2013

Your specialist trade partner:

 **GRAMM** medical healthcare GmbH  
[www.gramm-medical.de/actionmedic](http://www.gramm-medical.de/actionmedic)

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# EASY, FAST AND SAVES LIVES

 ACTIOMEDIC®

AED for quick deployment  
with easy handling

**NEW!**



Defibrillator for resuscitation AED 3100

A product from:

  
**GRAMM**  
medical



When every second counts, action must be taken quickly and effectively.

The AED from the manufacturer Nihon Kohden is for professional users and lay people **without Prior knowledge of first aid** and Revival developed and guarantees the **rapid deployment in an emergency through the simplest operation and handling.**

Nihon Kohden is one of the world's leading innovation and Technology specialists in the field of medical Diagnostics and all products promise highest quality at the same time Consideration of economic and user-optimized interests.

**Saving lives is child's play in 3 steps**



Please observe the manufacturer's instructions for use!

**Durable and compact!**

The operating temperature of the AED 3100 is sufficient from -5 °C to 50 °C. It meets the IP55 standard and can therefore also be used under difficult conditions.

**The AED 3100 is very compact, takes up little space and can be quickly transported to the place of use bring.**

**The Nihon Kohden AED 3100 for the best help in emergency.**



electrodes for Adults und children

daily automatic self-test

automatic voice instruction

switch for children and adult mode

robust housing (protected against water jets and entry of dust)

**8 years WARRANTY**

Indicator light for verification the battery status and the device status

Once a shockable heart rhythm detected, the AED will automatically start charging for hands-free charging defibrillation and signals the time to press the shock button.

**Accessories**

4-year battery for Nihon Kohden AED 3100	Art.Nr. 700.001.20010
Nihon Kohden AED electrodes Adults and children	Art.Nr. 700.001.20011
Nihon Kohden AED- carry bag	Art.Nr. 700.001.20012

External defibrillators are subject to instruction within Germany in accordance with MPBetreibV §10! As a competent partner, we offer you a corresponding legal initial instruction or training at low cost. On-site commissioning throughout Germany. Instruction is provided by certified personnel.

**Nihon Kohden AED 3100**



- Nihon Kohden AED 3100 Defibrillator incl. electrodes and batteries
- three-step operation
- suitable for children and adults (no additional accessories necessary)
- Protection against the ingress of water and dust (according to the international IP55 standard)
- daily automatic self-test and check
- Bluetooth data interface
- with voice output (according to ILCOR recommendations)
- T circuit provides better shock efficiency through ActiBiphasic technology
- Device with 4-year battery and electrodes (at least 24 months)
- Size: 206 x 97 x 252 mm Weight: 2300 g (with battery and electrodes)

Art. Nr.: 700.001.20000