cardiolife

Defibrillators TEC-5600 series

TEC-5601K
TEC-5611K
TEC-5621K
TEC-5631K

Improving quality
of resuscitation



Fighting Disease with Electronics

NIHON KOHDEN



Transitioning back to Life



Saving Life

Shock Efficiency on Demand

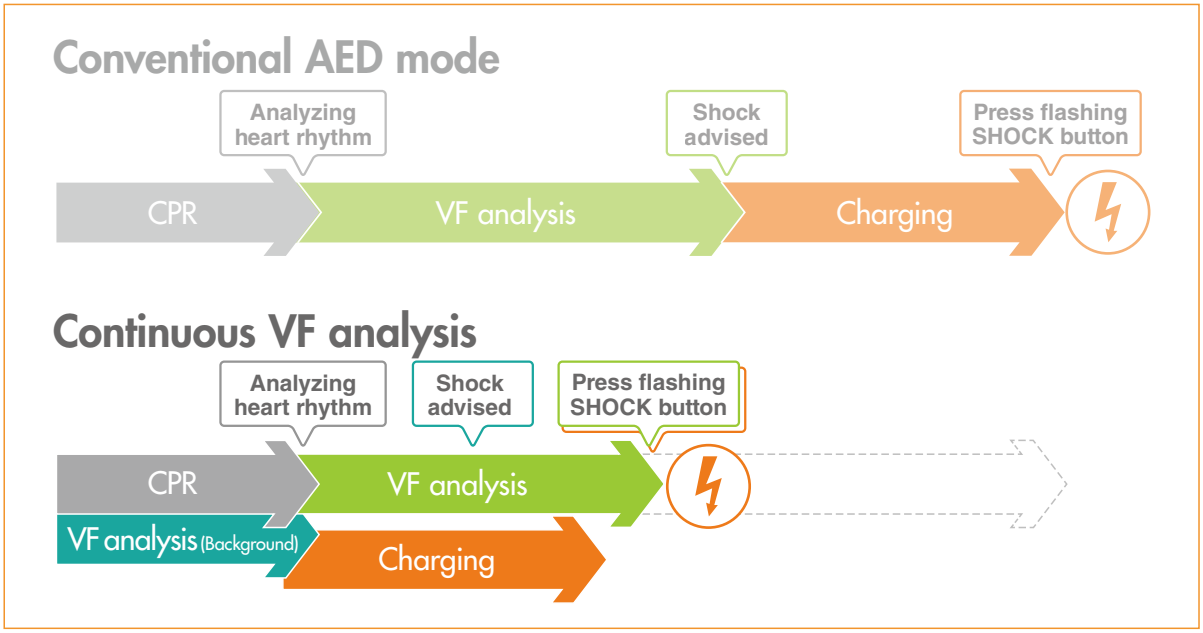
Fast shocks and continuous observation

Less than 4 seconds: It takes less than 4 seconds to charge 200 J with either AC power or a fully charged new battery. Faster charging time helps you deliver energy quickly when VF is observed.

3 seconds: ECG baseline recovers within 3 seconds after defibrillation. The defibrillation result and patient condition can be monitored quickly.

Even in AED mode...

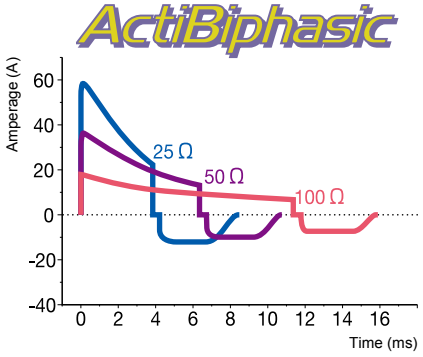
Continuous VF analysis is available on TEC-5600 series. With this function, the ECG waveform can be analyzed even during CPR and energy charging starts before the shock is advised. This helps you deliver faster defibrillation than ever before.



For more effective defibrillation...

20 ms: It is important for effective defibrillation to deliver all the necessary energy to patient within 20 ms.

Nihon Kohden's unique ActiBiphasic technology keeps the 2nd phase duration within 4 ms. This reduces total energy delivery duration close to 20 ms even in high impedance patients.



Restoring Life

Assure Effectiveness of Resuscitation

Ensure advanced airway management and high quality CPR

Nihon Kohden's cap-ONE is the world's smallest and lightest mainstream CO_2 sensor. This CO_2 sensor has a fast response which is helpful to confirm tracheal tube position, ensure quality of CPR and be an early indicator for ROSC during CPR as recommended by international guidelines.

cap-ONE



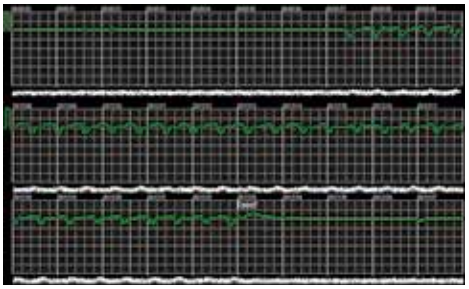
$ETCO_2$ Audible Cue

Audible Cue provides the caregiver with instant feedback about level changes by delivering 5 different, easily recognizable sounds to indicate 5 ranges from high to low .

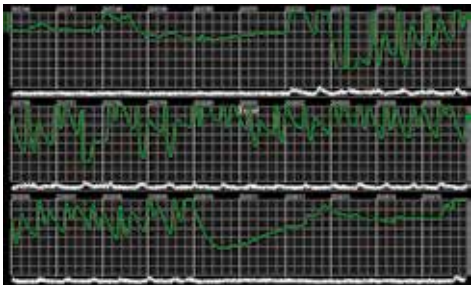
Minimize pause during CPR

Nihon Kohden's pads, P-700 series are less affected by baseline drift during CPR compared to conventional pads. They minimize the CPR pause period as ECG waveforms can be seen even under chest compressions.

P-700 series pads



Conventional pads



CPR assist

Proper depth of chest compressions during CPR creates adequate blood flow and oxygen delivery to the heart and brain. Moreover, proper rate of chest compressions during CPR is an important determinant of return of spontaneous circulation (ROSC) and survival with good neurologic function.



Communicating with optional CPR-1100 CPR assist by Bluetooth® connection



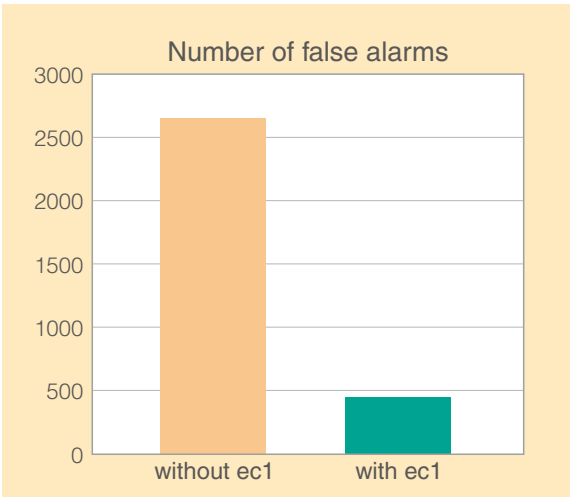
Sustaining Life

Post Cardiac Arrest Management

You won't miss arrhythmia...

Nihon Kohden's ec1 arrhythmia analysis algorithm can drastically reduce false alarms. You won't miss arrhythmia by using TEC-5600 series with high reliability arrhythmia alarms.

ec1 Arrhythmia Analysis







Arrhythmia detection is indicated by the alarm indicator, alarm sound and alarm message on the screen.

Decision support of post cardiac arrest

The ECG of before and after defibrillation can be reviewed on a PC with optional viewer software. The data help the doctor determine the treatment for a patient who is brought to the hospital after collapsing outside the hospital.



Enhanced patient comfort

Nihon Kohden's innovative NIBP technology, iNIBP, can provide patient's comfort and rapid measurement.

iNIBP Linear Inflation Technology



Every Mom

Always be ready

The status indicator informs you of daily and monthly self-test results. This helps keep your defibrillator always working and ready for its critical role in resuscitation.

The most critical component, the high voltage capacitor, has a unique high reliability design. The high voltage capacitor is divided into thousands of individual cells to prevent sudden, total failure of the capacitor. Even if any part fails, the remaining cells can still provide shock.



Intuitive operation

The control dial provides intuitive operation for energy selection and mode selection such as AED, MONITOR, SETUP, BASIC CHECK and PACING modes.



An onscreen operation guide makes TEC-5600 series defibrillators extremely easy to use. Illustrations provide more information than simple alarm messages. For example, a "CONNECTOR OFF" technical alarm message advises how to resolve the problem.

The guide also shows the recommended measurement method for each parameter.



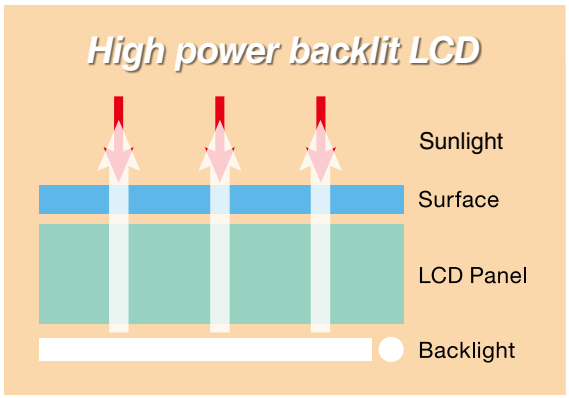


ent Counts

Always visible

The emergency environment is not always favorable to defibrillators. Outside the ambulance, the daylight can interfere with LCD screen visibility.

With a high power backlit LCD, TEC-5600 series provide clear visibility even under strong sunlight.

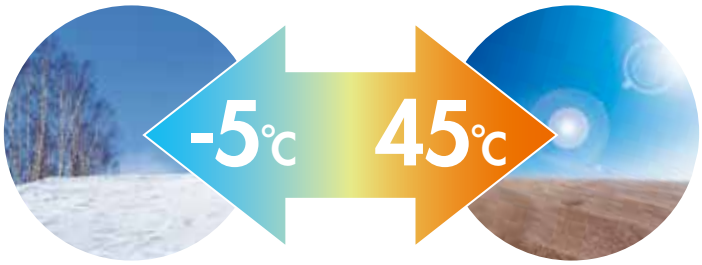




Conventional display: 450 cd/m², TEC-5600 display: 1000 cd/m²

Wide range of operation environments

- Operating temperature



- High waterproof property and high dust resistance based on IP44



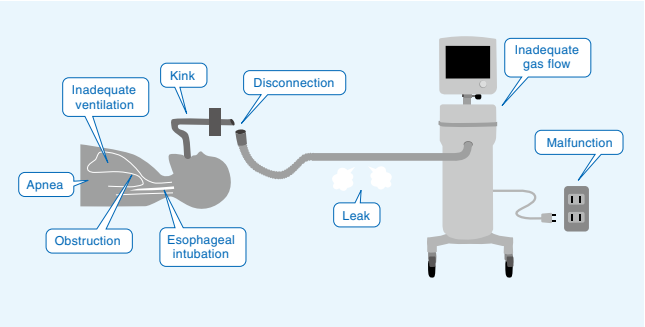
- Vibration:
  - MIL-STD-810F 514.5 Category 4 (Truck Restrained Cargo)
  - MIL-STD-810F 514.5 Category 9 (Helicopter)

For safer patient care

$ETCO_2$ measuring for safer monitoring

- Most effective parameter to prevent respiratory incidents
- Early detection of trouble in breathing or ventilator

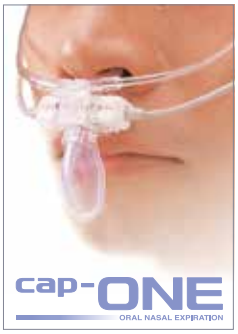
Early warning of these critical events



Mainstream $ETCO_2$ Sensor

- Fast response with no lag time
- No warm - up time
- Compact and lightweight
- No heater or motor
- No sampling tube
- Durable and easy to use

For both non-intubated and intubated patients





CO_2 sensor kit, TG-920P



Airway adapter
YG-111T



Oral/nasal adapter
YG-121T, YG-122T*
*with oxygen cannula adapter

Specifications

Dimensions	311 (W) × 288 (H) × 242 (D) mm
Weight	TEC-5621: 6.8 kg (Including battery and external paddle)
	TEC-5631: 6.9 kg (Including battery and external paddle)
Display	6.5-inch color LCD
Energy selection	2 - 270 J
Battery operating time	180 minutes continuous monitoring
	100 discharges at 270 J
	120 minutes fixed mode pacing (180 pulses/min, 200mA)
Charging time	Less than 4 seconds to 200 J (in both AC and fully charged battery operation)

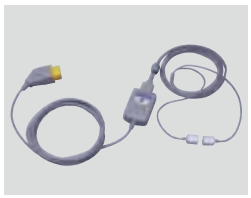
Major options



Cart



CO_2 sensor kit,
TG-980P



CO_2 sensor kit,
TG-920P



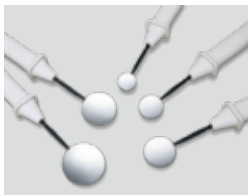
SpO_2 connection cord,
JL-900P



Multi parameter SpO_2
unit, QI-564V



Disposable pads
for adult/pediatric



Internal paddle electrode,
ND-86x series



CPR assist, CPR-1100

Multi parameter SpO_2/NIBP
unit, QI-565V

NIBP unit, SG-565V

SD is a trademark of SD-3C, LLC.
The Bluetooth word mark and logo are registered trademarks and are owned by the Bluetooth SIG, Inc.
This brochure may be revised or replaced by Nihon Kohden at any time without notice.

NIHON KOHDEN

NIHON KOHDEN INDIA PVT. LTD.
308, Tower A, Spazedge, Sector 47, Sohna Road
Gurgaon-122 002 Haryana, India
Phone +91 124-493-1000
E-mail info@nihonkohden.in
CIN No. U33110HR2011PTCO41863

NIHON KOHDEN CORPORATION
1-31-4 Nishiochiai, Shinjuku-ku, Tokyo 161-8560, Japan
Phone +81 3-5996-8041
http://www.nihonkohden.com/

Customer Care Toll Free No. 1800-103-8182

11482 CAT.No.73-0034B '26.4. AD. PDF