



Excellent treatment starts with professional diagnostics.

Fighting Disease with Electronics

 **NIHON KOHDEN**



To us, standing out means: making the complexity of the human body deeply and comprehensively understandable.

Worldwide leaders in neurology



Trailbreaking in medical technology

A beacon stands out and shows others the way. With the symbolic ray of light of the beacon, we are expressing our claim to be both outstanding and trailbreaking at the same time.

As one of the leaders of innovation and technology, we have specialised exclusively in the field of medical technology. This is where our key competence lies. For the benefit of health, we create new, pioneering solutions in the fields of:

- Neurology
- Cardiology
- Patient monitoring
- Haematology

Global presence

With approximately 3,000 employees, Nihon Kohden is one of the largest medical technology companies worldwide. Headquartered in Tokyo, we have been present on the market for more than 50 years and we are now represented on all continents with our own branches and partners.

Fighting Disease with Electronics

Nihon Kohden has one goal in common with you: *Fighting Disease* – for the health and quality of life of all patients. In doing so, we support your day to day work *with Electronics* - with technical product innovations representing state-of-the-art medical technology.

Nihon Kohden is actively involved in research and development. The focus of our activities is on the improvement of diagnostic possibilities. We develop all our products for and with our customers. In doing so, your experience and demands arising from your daily work in practice form the centre point of our work. You are our benchmark in the development of new systems and technologies – from the minutest technical details to complex system solutions.



**A world will only disclose itself if one is capable
of viewing it as a whole.**

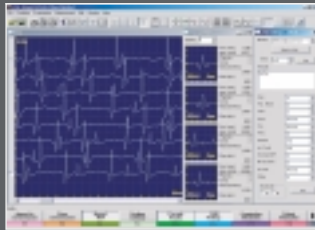
EP/EMG

The whole world of neurophysiology



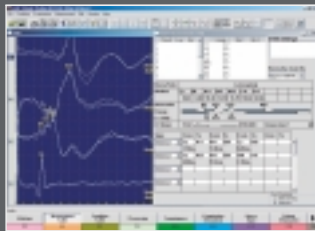
Neurography

routine examination of the peripheral nervous system (including NCV, F-wave, myasthenia test)



Electromyography

EMG – not only listen, but also evaluate quantitatively; e.g. with turns/amplitude and motor unit analysis



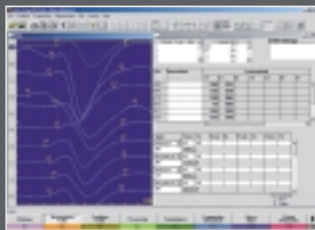
Evoked potentials

areas of application, range from the routine tibialis SEP to brain death diagnosis



Intra-operative monitoring

for continuous monitoring of surgical interventions with the aid of evoked potentials and EEG



Autonomous nervous system diagnostics

for example, with heart rate analysis or the sympathetic skin reflex



Clinical and scientific research

a basic requirement is a highly flexible system with tools for the analysis and export of data

DM

Neuro-data
&
informati

M S



manager
n system

EEG routine diagnostics

uncompromisingly optimised for day to day EEG examinations in outpatient practices and EEG clinics



Sleep diagnostics

for the clinical and scientific examination of sleep disorders such as OSAS, RLS and narcolepsy



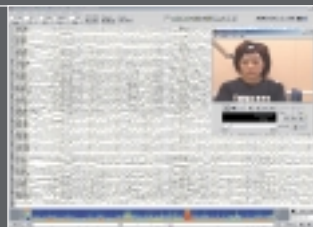
EEG monitoring

for continuous monitoring and examination of patients in intensive care or stroke units



Long-term epilepsy monitoring

system solutions for pre-surgical epilepsy diagnostics in long-term monitoring



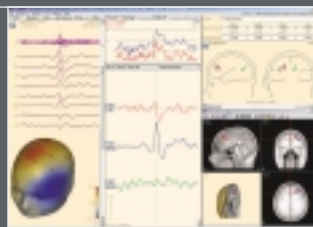
Long-term outpatient screening

up to 60 hours with the patient out and about- the outpatient long-term EEG for measurements at home and on the road



Clinical and scientific research

modular and flexible systems with a high level of peripheral and data compatibility, e.g. for source analyses and dipole localisation



EEG

Comprehensive performance – individual solutions

Specialist in neurophysiology

For more than 20 years Nihon Kohden has been one of the leading suppliers in the neurology field in Europe. Our widespread product range covers all requirements of neurophysiological diagnostics – from standard applications in outpatient and hospital clinics to the most demanding level in sensitive areas such as long-term epilepsy diagnostics or in intra-operative monitoring.

One-stop supplier

We offer Products, system integrations, services, training and much more. With the whole world of neurophysiology we provide our customers with all the tools required for electrophysiology. As a one-stop supplier, Nihon Kohden provides everything, be it a simple practice solution or a complex hospital system – we create medical technology for the future.

All systems are optimally tuned and structured so that they can be flexibly integrated into every existing environment. Apart from that, with the Nihon Kohden data management system we are offering a uniform working platform with which you can easily link up to other IT solutions in your working environment.

Quality, safety and service

Quality for decades

From the conception and development of new systems to production, supply and technical support, we offer the utmost in quality and safety. Our demands on ourselves are demonstrated in the high level of reliability and the extremely long lifetime of our systems.

Our equipment and processes are subject to a strict quality assurance system. Nihon Kohden fulfils all relevant requirements for medical products. All pieces of equipment are CE certified and conform to FDA requirements.

Service always and everywhere

At Nihon Kohden, service commences with an individual consultation and accompanies you through a lasting partnership. With this concept in mind, we will develop the optimum system solution with you and for you, and we will support you in the integration of product innovations into existing systems.

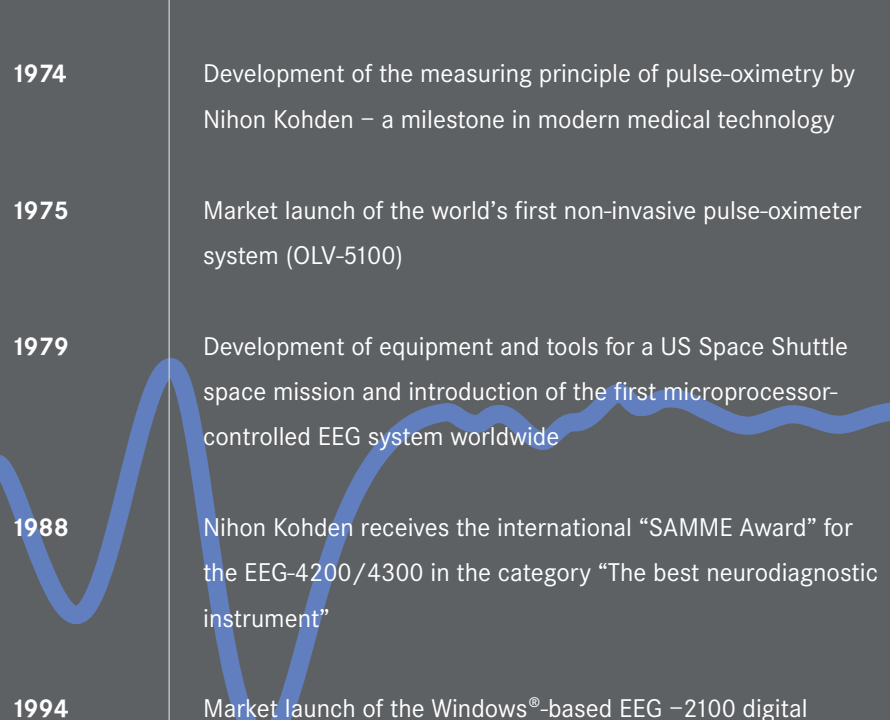
Service by Nihon Kohden means service on-site. Our close-knit service network guarantees that you will receive technical support and comprehensive advice whenever you need it. Furthermore, we offer individual user training, application training and workshops as part of this comprehensive service.

Rely on us

Nihon Kohden is both tradition and future. Virtually every neurologist associates our products and our company with positive experiences. We build on this success and this confidence. With the competence of over 50 years, with our numerous technological innovations and ideas, we will continue to be a strong partner for you in the future. Put the quality and unique nature of our products, our service and our company to the test.

We look forward to introducing you to Nihon Kohden.

From yesterday to the future



1951	Foundation of Nihon Kohden and development of the worldwide first direct-tracing EEG (ME-1D 8-channel)
1955	Market launch of the world's first ECG tracer with electronic recorder (Cardiotron MC-1C)
1956	Development of the first electromyograph (MM-21A)
1965 – 1967	Market launch of the first battery-operated defibrillator and the first patient-monitoring system
1974	Development of the measuring principle of pulse-oximetry by Nihon Kohden – a milestone in modern medical technology
1975	Market launch of the world's first non-invasive pulse-oximeter system (OLV-5100)
1979	Development of equipment and tools for a US Space Shuttle space mission and introduction of the first microprocessor-controlled EEG system worldwide
1988	Nihon Kohden receives the international “SAMME Award” for the EEG-4200/4300 in the category “The best neurodiagnostic instrument”
1994	Market launch of the Windows [®] -based EEG –2100 digital neurofax
1998	Introduction of the MEB-2200: the first multi-tasking EP/EMG system opens up new perspectives in diagnostics
2003	Development and market launch of the first multi-channel wireless telemetry EEG/PSG system for wireless EEG recording and monitoring of up to 64 channels

**It is our claim to turn the not-so-matter-of-fact
into something matter-of-fact.**

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