



NISSEI

JAPAN

MEDICAL & HEALTHCARE
PRODUCTS



THIS IS A MEDICAL DEVICE. USE IN ACCORDANCE WITH THE INSTRUCTIONS FOR USE OR THE LABEL.





TO OUR VALUED CUSTOMERS AND PARTNERS!

For nearly 75 years, since our founding in 1950, we have cultivated deep expertise in engineering and uncompromising quality control. This legacy began with producing precision measuring instruments for the medical, industrial, and aviation sectors.

The high-quality diagnostic devices we have developed, including digital blood pressure monitors, pulse oximeters, and cardiac monitors, have earned recognition worldwide.

They are trusted under our own NISSEI brand as well as under the brands of our partners.

NISSEI digital blood pressure monitors are used in households across the globe. Their quality is so exceptional that for many, the name NISSEI has become synonymous with «digital blood pressure monitor.»

Yoshito Kunisaki
President
NIHON SEIMITSU SOKKI CO., LTD.



Manufacturer "Japan Precision Instrument Company"
(Nihon Seimitsu Sokki Co., Ltd.)



NISSEI – trade name of Nihon Seimitsu Sokki Co., Ltd., Japan

FROM 1950

Nihon Seimitsu Sokki Co., Ltd. produces high-tech and state-of-the-art electronic hardware and supplies components to such world-known manufacturers as SONY, Omron, Canon, Sanyo, Seiko, Samsung, Fuji, Philips, Nippon, Panasonic, and JVC.

IN 1975

Nihon Seimitsu Sokki Co., Ltd. produced the world's first electronic blood pressure monitor. Today, Nihon Seimitsu Sokki Co. is a leading manufacturer of blood pressure and pulse rate monitors ranged from simple use to complex monitoring systems.

TODAY

Nihon Seimitsu Sokki Co., Ltd. has four of its own factories in Japan. In addition, it has assembly production facilities in China and Indonesia. The factories in Japan supply complex electronic units and components to the other countries. All the factories use a rather strict multilevel quality control system that meets the latest international standards.

POSITIVE RHYTHM OF LIFE!

NISSEI



NISSEI – perfect quality products.
Traditional Japanese approach to the production
of complex electronic devices.



QUALITY CONTROL

In the process of manufacturing, the electronic blood pressure monitors are exposed to fourfold control and quality control. Every model of NISSEI brand is approved by Ministry of Health, Labor and Welfare of Japan. The company-adopted quality control system is certified by TÜV PRODUCTS SERVICE GMBH (Germany) and meets ISO 9001, ISO 13485/EN 46001. The factories annually pass independent audit (control), when their quality control system is being tested upon the subject of conformity with the international standard requirements.

CERTIFIED

CERTIFICATION

The company supplies medical products widely applied for carrying out treatment, diagnostics and preventive health care procedures and, therefore, the producer does its best to meet the registration and certification requirements in compliance with applicable laws. The company-supplied medical products are clinically tested and certified to the full extent.



DEVELOPED FOR HOSPITALS

MT-500

- Professional non-contact thermometer.
- TriControl: 3 sensors technology (distance, body and ambient temperature).
- Clinical accuracy was verified by the comparison with the reference clinical thermometer.
- Axillary temperature equivalent.
- 1 second measurement.
- Auto shows the result when distance is 4 cm.
- Backlite LCD. You can see the result in any light conditions.
- Ambient or Surface temperature measurement modes.

triControl



POSITIVE RHYTHM OF LIFE!

NISSEI



MT-500

Clinical thermometer designed for the professional use in medical institutions

triControl

3 SENSORS TECHNOLOGY

Provides high measurement accuracy by analyzing various data of measurement conditions.

Three built-in sensors automatically control:

- the distance to the body (object),
- the temperature of the ambient for the adjustment of results
- the temperature of the measured body (object).



CLINICAL ACCURACY

Clinical accuracy of MT-500 was verified by the comparison with the reference clinical thermometer as stipulated in international standards. The clinical verification was conducted for hundreds patients covering the age distribution from newborns to adults. MT-500 has achieved the clinical repeatability of 0.113°C which confirms its considerable accuracy at repeated measurements.



AXILLARY TEMPERATURE

MT-500 calculates internal body temperature (axillary/armpit temperature) with its special algorithm according to the skin surface temperature at forehead and the ambient temperature.

THIS IS A MEDICAL DEVICE. USE IN ACCORDANCE WITH THE INSTRUCTIONS FOR USE OR THE LABEL.



Awarded by a quality mark of the European Society of Hypertension.
It has successfully passed clinical measurement accuracy tests.

Designed by

Kazuo Kawasaki

**SALES HIT
IN JAPAN**

DSK-1031



- Upper arm digital blood pressure monitor with automatic inflation.
- Automatic inflation pressure selection.
- Pulse pressure measurement.
- Irregular pulse rhythm indication.
- Preformed universal range cuff (22-42 cm).
- WHO classification.
- Cuff condition indicator.
- Interference noise detection.
- Measuring reliability indicator.
- Dual 60 times memory (blood pressure, pulse rate, date, time).
- AC Adapter included.



POSITIVE RHYTHM OF LIFE!

NISSEI



DSK-1031

Automatic digital blood pressure monitor –
a sales hit in Japan



INFLATION PRESSURE SELECTION

This product employs Fuzzy Inflation to ease stress on arm during cuff inflation. By detecting pulse signals while inflating, this product is able to determine the sufficient maximum inflation pressure for each measurement.



RELIABILITY INDICATOR

Specific rules shall be followed to obtain exact final results – i.e. do not interfere in measurement process; make sure that a cuff is properly fixed; etc. Device automatically checks up environmental conditions and, if the above rules are observed, it displays a reliability icon.



CUFF CONDITION INDICATOR

This device tests whether a cuff is fixed properly. When a cuff is fixed correctly, seats untight and unloosed, icon "OK" is displayed.

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Awarded by a quality mark of the European Society of Hypertension.

This is the first wrist blood pressure monitor that successfully passed clinical measurement accuracy tests for compliance with ESH standards.

Designed by

Kazuo Kawasaki

**SALES HIT
IN JAPAN**

WSK-1011



- Wrist type digital blood pressure monitor with automatic inflation.
- Automatic inflation pressure selection.
- Pulse pressure measurement.
- Irregular pulse rhythm indication.
- M-shaped cuff.
- Preformed wrist cuff (wrist circumference range of 12.5-22.5 cm).
- WHO classification.
- Interference noise detection.
- Dual 60 times memory (blood pressure, pulse rate, date, time).



POSITIVE RHYTHM OF LIFE!

NISSEI



WSK-1011

Automatic wrist type blood pressure monitor –
a sales hit in Japan



INFLATION PRESSURE SELECTION

This product employs Fuzzy Inflation to ease stress on arm during cuff inflation. By detecting pulse signals while inflating, this product is able to determine the sufficient maximum inflation pressure for each measurement.



WHO CLASSIFICATION

In addition to a numerical pressure value, this device displays blood pressure in the form of an arterial pressure classification graphic scale that is specified under the WHO recommendation.



M-SHAPED CUFF

A unique M-Cuff product is designed and patented by NISSEI. It reliably reads a pulse wave from two wrist arteries at once, thereby improving easurement accuracy results.

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BEST ACCURACY

WS-C2



- Wrist type digital blood pressure monitor with automatic inflation.
- Measurement during inflation.
- HiRS technology
- AFIB possible sign.
- Pulse pressure measurement.
- Irregular pulse rhythm indication.
- M-shaped cuff.
- Preformed wrist cuff (wrist circumference range of 12.5-22.5 cm).
- WHO classification.
- Interference noise detection.
- Dual 60 times memory with morning/evening average.



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POSITIVE RHYTHM OF LIFE!

NISSEI



WS-C2

The Most Accurate Wrist Type Digital Blood Pressure Monitor.



HIGH RESOLUTION SCANNING

HiRS technology – is a technology that reads even short pulses of atrial contraction (which were previously defined as noise) 6 times more accurately and allows distinguishing possible signs of fibrillation (AFIB, atrial fibrillation). Diagnosing atrial fibrillation is essential for preventing blood clots, stroke, heart attack, and other diseases.



AFIB POSSIBLE SIGN

Special mark indicates a more serious heart rhythm disorder, which may reveal the presence of an arrhythmia such as fibrillation (AFIB, atrial fibrillation).



M-SHAPED CUFF

A unique product is designed and patented by NISSEI. It reliably reads a pulse wave from two wrist arteries at once, thereby improving easurement accuracy results.

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MULTIPURPOSE & COMFORTABLE

DS-11/DS-11a



- Upper arm digital blood pressure monitor with automatic inflation.
- Measurement during inflation.
- Irregular pulse rhythm indication.
- Universal range cuff (22-42 cm).
- Interference noise detection.
- 60 times memory (blood pressure, pulse rate, date, time)
- AC Adapter included (for DS-11a).



POSITIVE RHYTHM OF LIFE!

NISSEI



DS-11/DS-11a
Multipurpose and comfortable
automatic digital blood pressure monitor



MEASUREMENT ON INFLATION

This product employs Fuzzy Inflation to ease stress on arm during cuff inflation. By detecting pulse signals while inflating, this product is able to determine the sufficient maximum inflation pressure for each measurement.



UNIVERSAL RANGE CUFF

Thanks to application of the patented method, this cuff may be used for measuring blood pressure with a human arm circumference range of 22 to 42 cm (both adolescent and adult dimensions). Thus, the device may be considered as an ideal household measuring device.



DATE AND TIME

In addition to pressure and pulse rate measurement results, time and date measurement data may be stored in the device memory. In this way, the device automatically logs measurement data. When the device is switched off a clock is displayed.

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SIMPLE
& PRECISE

DS-10/DS-10a



- Upper arm digital blood pressure monitor with automatic inflation.
- Measurement during inflation.
- Irregular pulse rhythm indication.
- Standard range cuff (22-32 cm).
- Interference noise detection.
- AC Adapter included (for DS-10a).



THIS IS A MEDICAL DEVICE. USE IN ACCORDANCE WITH THE INSTRUCTIONS FOR USE OR THE LABEL.

POSITIVE RHYTHM OF LIFE!

NISSEI



DS-10/DS-10a
Simple and precise
automatic digital blood pressure monitor



MEASUREMENT ON INFLATION

This product employs Fuzzy Inflation to ease stress on arm during cuff inflation. By detecting pulse signals while inflating, this product is able to determine the sufficient maximum inflation pressure for each measurement.



INTERFERENCE NOISE DETECTION

When a noise indicator is displayed, measurement results shall be duplicated at rest and in silence, thus preventing any possible interference effects. indicator informs on the occurrence of noises that can affect the measurement result.



ARRHYTHMIA INDICATOR

If irregular pulse rate is detected during measurement, an arrhythmia symbol will be displayed after completing the measurement. Anyway, valid and precise measurement results will be produced.

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ACCESSORIES

Pre-formed cuff

(arm circumference 22–42 cm)

CUFF DSK-1031



Standard cuff

(arm circumference 22–32 cm)

CUFF DSK-1011, CUFF DS-10



Universal cuff

(arm circumference 22–42 cm)

CUFF DS-11



Pre-formed cuff

(wrist circumference 12.5–22.5 cm)

CUFF WSK-1011



Power adapter

ADP-W5



Certified for use with medical equipment.

Input voltage: ~100–240 V, 50/60 Hz

Output voltage: 6 V $\pm$ 5%

Maximum load current: 1.0 A

Power consumption: 20 W

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More detailed information about the models and the warranty service can be obtained from the distributor or in the internet:

www.NISSEI.pl

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