

SPECIFICATION

Model	WS-C2
Operating principle	Oscillometric method
Measurement system	Measurement during inflation
Pressure indicating range	0 to 300 mmHg (cuff pressure)
Measuring range	50 to 250 mmHg (systolic), 40 to 180 mmHg (diastolic), 30 to 199 bpm (pulse rate)
Accuracy	±3 mmHg (cuff pressure), ±5% of reading (pulse rate)
Inflation	Automatic inflation
Exhaust	Automatic exhaust valve
Power Supply	Two 1.5 volt AAA alkaline (LR03) type batteries
Memory	2 memory banks, each storing 60 measurement results plus average values
Operating Condition	+10°C to +40°C, 15% to 85% RH (non condensing)
Transportation/Storage Condition	-20°C to +60°C, 10% to 95% RH (non condensing)
Coverage wrist circumference	Approx. 12.5 to 22.5 cm
Size	Approx. 64.0 x 88.0 x 26.4 mm (H x W x D), not including the cuff
Weight	Approx. 100 g (without batteries)

Manufacturer: Nihon Seimitsu Sokki Co., Ltd.
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NISSEI

JAPAN

WS-C2



with newly developed «High Resolution Scanning» enabling high accuracy pulse wave measurement



when two symbols are indicated together it shows severer abnormal pulse rhythm such as extrasystoles and atrial fibrillation (AFIB)

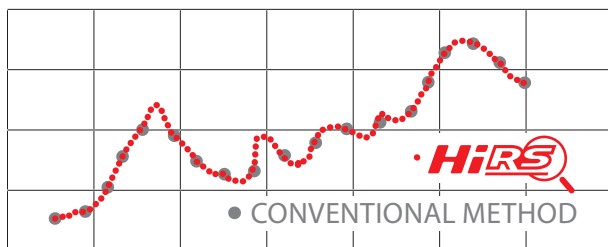


WRIST TYPE BLOOD PRESSURE MONITOR



HiRS HIGH RESOLUTION SCANNING

HiRS (High Resolution Scanning) – is a high accuracy pulse wave interval measurement system that acquires six times the volume of data during measurement compared with previous NISSEI products. It facilitates better identification of the irregular intervals of pulse waves than ever before.



ABNORMAL PULSE RHYTHM

When two symbols are indicated together, it means possibly higher degree of influence on the blood pressure measurement result due to the occurrence of severer abnormal pulse rhythm.

Abnormal Irregular pulse rhythm can be caused by various factors: Pulse rhythm can be disturbed by talking, moving, breathing, or the health conditions etc. One of the health conditions causing the irregularity in pulse rhythm is the cardiac arrhythmia. There are various kinds of cardiac arrhythmias, such as extrasystoles and atrial fibrillation (AFIB) where the latter one normally has severer irregularity in pulse rhythm.

WS-C2 FEATURES:



M-SHAPED CUFF

M-Cuff – is a cuff shape uniquely designed and patented by NISSEI. The M-shaped cuff reliably captures pressure waves from two arteries at once.



MEASUREMENT ON INFLATION

Measurement on inflation – is a technology that detects the pressure during cuff inflation.



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.



MORNING/EVENING AVERAGE

The device indicates Morning & Evening averages. The Morning average is for the measurement values obtained from 4:00 to 9:59, and Evening average is from 19:00 to 1:59.



INTERFERENCE NOISE DETECTION

The symbol that informs about the presence of external noise that could affect the measurement result.



WHO CLASSIFICATION

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



PULSE PRESSURE

A cardiovascular system performance index is calculated as a difference between systolic and diastolic pressures. If pulse pressure values is 65 mmHg or higher, the symbol appears.



RELIABILITY SYMBOL

The reliability symbol appears on the screen if all the necessary conditions are met during the measurement: the cuff is applied correctly, there is no movement or interference.



DUAL 60 CELLS MEMORY

Dual 60 times memory (blood pressure, pulse rate, date, time).



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.