

NISSEI

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Kazuo Kawasaki

"

"WOW!"



Wrist Type Blood Pressure Monitor WSK

FUZZY



Wrist
Measurement



Oscillometric
Method



FUZZY
Inflation



Motion Checker



WHO Classification
Irregular Pulse Rhythm Detection



Pulse Pressure display



Operation Tone



DATE/TIME display



MEMORY
60 x 2
Readings
Banks



Memory
Delete



Err -1
Code Indication



12.5 - 21.5 cm^{Hg}
M CUFF



2 AAA Batteries

Wrist Type Blood Pressure Monitor WSK

FUZZY

for wrist measurement

You will never forget the moment you first see or hold any one of products designed by Dr. Kazuo KAWASAKI^{*1}. His products are eye-opening like a thunder bolt but they somehow soothe you like a perfectly harmonized major-seventh-chord.

Being both an internationally award-winning industrial designer and a medical doctor, KAWASAKI, born in Fukui, Japan in 1949, he has directed stunning products, from stationary, kitchenware, eyewear, audio and computer equipment to artificial organs, to name a few. Now he is about to present blood pressure monitors that the world has never seen, DSK and WSK.

As his products are never just "good-looking" but the finest and the most functional of kind, WSK features everything that will make blood pressure measurement more comfortable and more reliable.

Without sacrificing the accuracy, which is ensured by sharing the measurement algorithm and "M" cuff used with our preceding QM^{*2} holding blood pressure monitor WS-820, WSK provides you more measurement comfort by FUZZY inflation. Oscillometric blood pressure monitors determine blood pressure with oscillations which occur from inflating and deflating a cuff wrapped over measurement site. Regular blood pressure monitors inflate the cuff to a certain point regardless of blood pressure values, but WSK inflates the cuff to the value just enough to take your blood pressure. Sometimes, inflation of the cuff may be irritating but there is no excess inflation with WSK.

Did you know that readings are not reliable if you take blood pressure while moving or talking? WSK will tell you if it detected body motion that could have resulted in inaccurate reading. Please make measurement again, staying still this time.

Now you will know, on the WSK display screen, if your blood pressure is over "High Normal" defined by WHO^{*3}, as well as pulse pressure value and irregular pulse rhythm detection. Pulse pressure is said to be related to hardness of blood vessels. Pulse rhythm may be disturbed by moving, talking or even by arrhythmias.

Product specifications

Model	WSK-1011
Measurement principle	oscillometric method
Indicator	15 digits liquid crystal display
Pressure indication range	3 to 300 mmHg
Measuring range	50 to 250 mmHg (systolic), 40 to 150 mmHg (diastolic), 40 to 160 pulses/min (pulse rate)
Accuracy	± 3 mmHg (blood pressure), ± 5 % of reading (pulse rate)
Inflation	automatic with air pump, FUZZY
Deflation	automatic with electric control valve
Exhaust	automatic with quick exhaust valve
Power supply	2 pcs. 1.5 volt AAA (LR03) batteries
Power consumption	2W (max.)
Memory	2 memory banks, each saving 60 readings, calculation of the average of saved readings and memory delete
Operating environment	+10°C to +40°C, 85 % relative humidity or below
Storage environment	-5°C to +50°C, 85 % relative humidity or below
Applicable wrist circumference	12.5 to 21.5 cm
Dimensions	approximately 70 (W) x 70 (D) x 23 (H) mm
Weight	approximately 110 g, without batteries
Accessories	instruction manual, 2 AAA batteries

Specifications are subject to change without prior notice due to improvements in performance and quality.

Kazuo Kawasaki^{*1} Design Director, Ph.D., Selected in "100 Japanese respected by the WORLD" of NEWSWEEK JAPAN 2004, 2009
Major Awards: iF Award for Good Industrial Design Best of Category, The Grand Prix & Millennium Prize of SILMO in France, Japan Good Design Award Gold Prize
Public Collections: MoMA (CARNA, wheelchair), Montreal Science Centre (artificial heart), Smithsonian Cooper-Hewitt National Design Museum, Design Center Stuttgart
URL: <http://www.kazuokawasaki.jp>

QM^{*2} Quality Marking given by German Hypertension League to device which passes testing and meets stringent requirements
WHO^{*3} World Health Organization



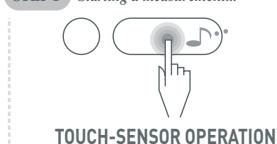
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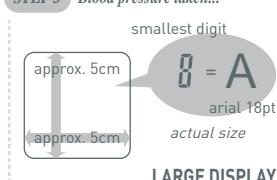
STEP 1 Starting a measurement...



STEP 2 Taking blood pressure...



STEP 3 Blood pressure taken...



SYS-DIA
PULSE PRESSURE CALCULATION



STEP 4 Saving the reading...



STEP 5 Waiting for next measurement...



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