NISSEI
×
Kazuo Kawasaki
=
“WOW!”

Auto-Inflate Blood Pressure Monitor DSK

- Upper Arm Measurement
- Oscillometric Method
- MEASUREMENT during Inflation
- Motion Checker
- Irregular Pulse Rhythm Detection
- WHO Classification
- PP Pulse Pressure display
- Operation Tone
- 12:00 DATE/TIME display
- MEMORY 60 x 2 Readings Banks
- 134 82 Memory Delete
- Err -1 Code Indication
- 22.0 - 32.0cm SLIM CUFF
- 4 AA Batteries

Auto-Inflate Blood Pressure Monitor DSK

for upper arm 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 an 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, WSK and DSK.

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

Blood pressure is taken during inflation which we established with our preceding QM*[2] holding blood pressure monitor DS-1902 to eliminate irritation from cuff inflation. Unlike regular blood pressure measurement with which the cuff is inflated to a certain point first and then the oscillations are read during deflation, the reading starts during inflation. As soon as the systolic blood pressure is taken, inflation stops and the air in the cuff is rapidly exhausted. The cuff inflation is so graduate and gentle that the measurement is done almost before you realize the inflation.

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

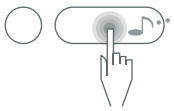
Now you will know, on the DSK display screen, if your blood pressure is over "High Normal" defined by WHO*[3], as well as pulse pressure value and irregular pulse rhythm detection. Pulse pressure is said to be related to hardness of blood vessels. Pulse rhythm may be disturbed by moving, talking or even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

Product specifications

Model	DSK-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
Exhaust	automatic with quick exhaust valve
Power supply	4 pcs. 1.5 volt AA (LR06) batteries
Power consumption	4W (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 arm circumference	22.0 to 32.0 cm
Dimensions	approximately 115 (W) x 115 (D) x 66 (H) mm
Weight	approximately 250 g, without batteries
Accessories	instruction manual, 4 AA batteries

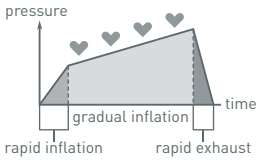
Specifications are subject to change without prior notice due to improvements in performance and quality.

STEP 1 *Starting a measurement...*



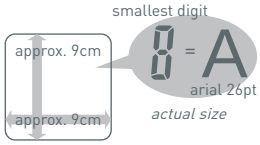
TOUCH-SENSOR OPERATION

STEP 2 *Taking blood pressure...*



MEASUREMENT DURING INFLATION

STEP 3 *Blood pressure taken...*



LARGE DISPLAY

WHO CLASSIFICATION

PULSE PRESSURE CALCULATION

IRREGULAR PULSE RHYTHM INDICATION

BODY MOTION INDICATION

STEP 4 *Saving the reading...*

2 MEMORY BANKS TO CHOOSE

STEP 5 *Waiting for next measurement...*

CLOCK DISPLAY

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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