

Automatic Blood Pressure Monitor

AC 05P



AC 05P enables fully automatic blood pressure measurement with reliable result within 30 seconds.

Application Areas



**Outpatient registration
in hospital and clinic**



**Self measurement at pharmacy
fitness center and workplace**

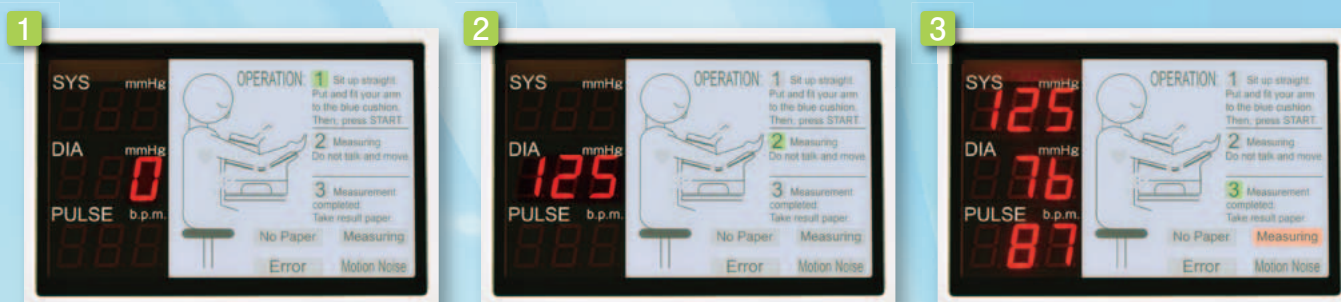


**Routine medical checkup at
health center**



Audible Measurement Instruction

The instruction is displayed on the frontpanel during measurement process with audible instruction.



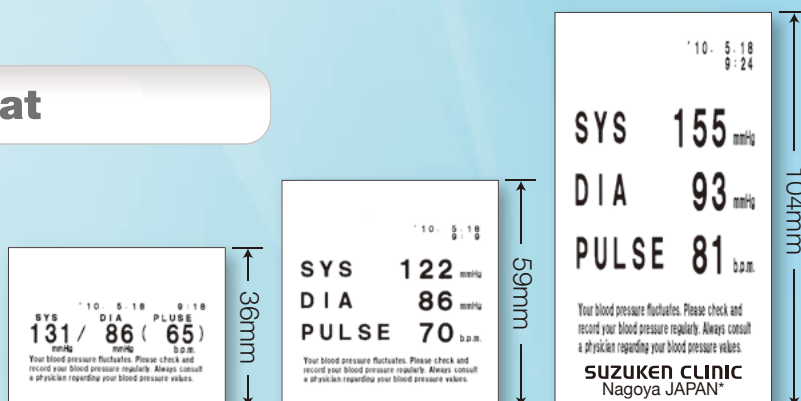
Measurement Technology

AC 05P

Traditionally, measurement of blood pressure by detecting Korotkoff sound using a stethoscope and the mercurial sphygmomanometer is considered to be absolutely accurate by clinicians. AC 05P has two hyper microphones to detect the Korotkoff sound of the pulse wave pattern. However, using only Korotkoff method may not be perfect as blood pressure result can be affected by noise. Therefore, AC 05P adapts the measurement algorithms using the combination of Riva Rocci (Korotkoff sound) and Oscillometric method together with a vibration sensor to make the digital blood pressure testing more reliable and reproducible.

Recording Report Format

Blood pressure measurement can be set three different size of thermal paper.



*Customized institution name can be printed using optional software.

Specifications

Power	AC100-220V 50/60Hz 40VA
Electric Protection type	CLASS I B
Safety Standard	JIS T 1115 : 2005, JIS T 0601-1 : 2005, IEC 60601-1-2 : 2004
Measurement method	Riva Rocci and Oscillometric
Measurement range	10 to 300 mmHg / 1 mmHg
Pulse range	30 to 200 bpm
Display	LED Digital
Auto paper cutter	Partial cut / full cut
Printer	Line Thermal Printer with printing 3 size paper
Audio guidance	ADPCM Audio
Communication	RS-232C
Operation environment	Temperature : 10 to 40°C Humidity 30 to 85% RH
Storage environment	Temperature : -10 to 60°C Humidity 30 to 95% RH
Dimension	W242×D534×H338(mm)
Weight	Approx. 5.0 kg
Emergency stop function	Pressure >301 mmHg or measurement period >2.5 minutes
Pressure limit	220 mmHg. Limiter can be adjusted up to 300 mmHg by authorized dealer.



Optional stand & chair

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