

Medical Diagnostic Device

ACCUNIQ BP850

Dual-Arm Blood Pressure Monitor

World's first dual-arm Automatic sphygmomanometer system that measures blood pressure from both arms to provide convenient and reliable blood pressure measurements.



+ ACCUNIQ

Medical Devices to Help Promote Health & Longevity

ACCUNIQ medical devices are manufactured by SELVAS Healthcare, a global company that incorporates the most advanced technology available to provide accurate and reliable results. We are committed to partner with our customers to provide high quality products to help their patients and clients monitor and improve their health.

Crazy Fit, Incredible Life
Our one and only desire - a perfect body!

History

- 2016 Corporate name changed to SELVAS Healthcare, Inc., and listed in KOSDAQ
- 2015 World's first dual-type sphygmomanometer system approved by the US FDA
- 2014 Grand Prize, 1st People's Happiness Premium IT-incorporated Korean Medical Device Awards
Popularity Award, Analysis and Diagnosis System Segment 2014 Selected by "Health & Beauty," a German fitness magazine
- 2010 Advanced Venture Company Award
- 2006 Director's Award by the Korea Food and Drug Administration (KFDA)
- 2005 Bronze Prize, 13th Republic of Korea Technical Awards
Silver Prize, Venture Design Awards
Bronze Medal of Industrial Effort, 35th Precision Technology Promotion Contest
- 2004 Body Fat Analyzer Selected as a World-Class Product (Ministry of Commerce Industry and Energy)
- 2003 Director's Award by the Korea Food and Drug Administration (KFDA)
- 2001 Prime Minister's Award, Trade Day
KGMP(Korea Good Manufacturing Practice)-Certified
- 2000 Top Prize, Leaders' Venture Awards
President Kim, Dae-Jung and First Lady visited our company
- 1999 Presidential Award in National Venture Awards
Selected as a World Top-class Company

Certifications and Awards

| | | | | |
|---|--|--|--|---|
|  GMF Certified |  CE Certified |  TUV Rheinland Certified |  FDA Approved |  Korea Testing Laboratory |
|  Presidential Award in National Venture Award |  Bronze Medal of Industrial Effort in Precision Technology Promotion Contest |  GoodDesign Award | | |

ACCUNIQ medical devices have been used globally to measure and analyze overall health results with our medical and healthcare professionals in mind where accuracy is of the utmost importance.

ACCUNIQ medical devices are currently used globally in hospitals, medical facilities, doctor's offices, weight loss centers, fitness & rehabilitation centers, nursing homes, public health facilities, and retail locations.

Hospital · Health Center



Sports Center



Office



Hotel · Resort



School



Bank

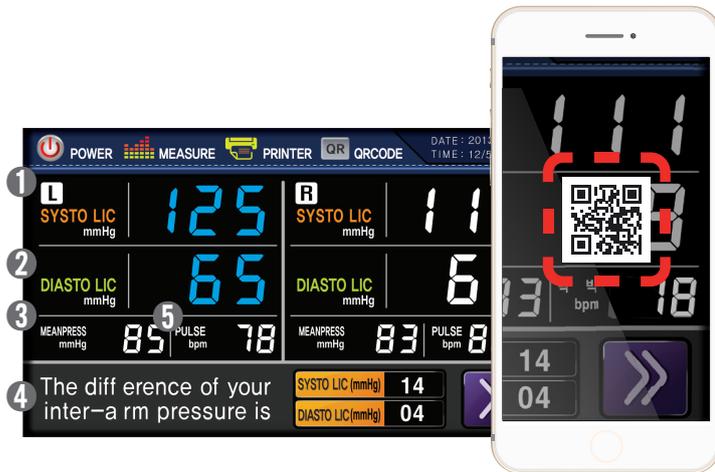


Factory



Subway





Result Items

- 1 Maximum blood pressure of both arms
- 2 Minimum blood pressure
- 3 Average blood pressure
- 4 Blood pressure difference
- 5 Pulse

It displays the QR code on the LCD display. If you link the product with a smartphone, it saves your blood pressure data and helps you keep track of the trend so that you can keep your blood pressure under control.

Various Results Sheet

Basic

| | | | | | | | | | | |
|---|--|---|-----------|-----------|----------|-----------|-----------|---------|---------|--|
| <p>1</p> <p>2011 / 05 / 23 15:07</p> <p>Lt</p> <p>SYSTOLIC 125 mmHg</p> <p>DIASTOLIC 65 mmHg</p> <p>MEANPRESS 85 mmHg</p> <p>PULSE 78 bpm</p> | <p>2</p> <p>2011 / 05 / 23 15:07</p> <p>Lt</p> <p>SYSTOLIC 125 mmHg</p> <p>DIASTOLIC 65 mmHg</p> <p>MEANPRESS 85 mmHg</p> <p>PULSE 78 bpm</p> <p>4</p> <p>2011 / 05 / 23 15:07</p> <p>Lt</p> <p>SYSTOLIC 125 mmHg</p> <p>DIASTOLIC 65 mmHg</p> <p>MEANPRESS 85 mmHg</p> <p>PULSE 78 bpm</p> <p>Your Blood Pressure is Prehypertension.</p> <p>7</p> <p>2011 / 05 / 23 15:07</p> <p>Lt</p> <p>ID 123456789</p> <p>HEIGHT 160 cm</p> <p>WEIGHT 50 kg</p> <p>FATNESS 25.5 %</p> <p>SYSTOLIC 125 mmHg</p> <p>DIASTOLIC 65 mmHg</p> <p>MEANPRESS 85 mmHg</p> <p>PULSE 78 bpm</p> <p>Previous 120/80 mmHg 65 dpm</p> <p>Present 120/80 mmHg 65 dpm</p> | <p>3</p> <p>2011 / 05 / 23 15:07</p> <p>Rt</p> <p>ID 123456789</p> <p>HEIGHT 160 cm</p> <p>WEIGHT 50 kg</p> <p>FATNESS 25.5 %</p> <table border="1"> <tr><td>SYSTOLIC</td><td>DIASTOLIC</td></tr> <tr><td>125 mmHg</td><td>65 mmHg</td></tr> </table> <table border="1"> <tr><td>MEANPRESS</td><td>PULSE</td></tr> <tr><td>85 mmHg</td><td>78 bpm</td></tr> </table> <p>Previous 120/80 mmHg 65 dpm</p> <p>Present 120/80 mmHg 65 dpm</p> | SYSTOLIC | DIASTOLIC | 125 mmHg | 65 mmHg | MEANPRESS | PULSE | 85 mmHg | 78 bpm |
| SYSTOLIC | DIASTOLIC | | | | | | | | | |
| 125 mmHg | 65 mmHg | | | | | | | | | |
| MEANPRESS | PULSE | | | | | | | | | |
| 85 mmHg | 78 bpm | | | | | | | | | |
| <p>Inter-arm Difference</p> <p>SYSTOLIC 14 mmHg</p> <p>DIASTOLIC 04 mmHg</p> <p>Refer to the results and consult to physician about specific medical information.</p> | <p>5</p> <p>2011 / 05 / 23 15:07</p> <p>Rt</p> <table border="1"> <tr><td>SYSTOLIC</td><td>DIASTOLIC</td></tr> <tr><td>125 mmHg</td><td>65 mmHg</td></tr> </table> <table border="1"> <tr><td>MEANPRESS</td><td>PULSE</td></tr> <tr><td>85 mmHg</td><td>78 bpm</td></tr> </table> <p>Your Blood Pressure is Prehypertension.</p> | SYSTOLIC | DIASTOLIC | 125 mmHg | 65 mmHg | MEANPRESS | PULSE | 85 mmHg | 78 bpm | <p>6</p> <p>2011 / 05 / 23 15:07</p> <p>Lt</p> <p>SYSTOLIC 125 mmHg</p> <p>DIASTOLIC 65 mmHg</p> <p>MEANPRESS 85 mmHg</p> <p>PULSE 78 bpm</p> <p>Your Blood Pressure is Prehypertension.</p> |
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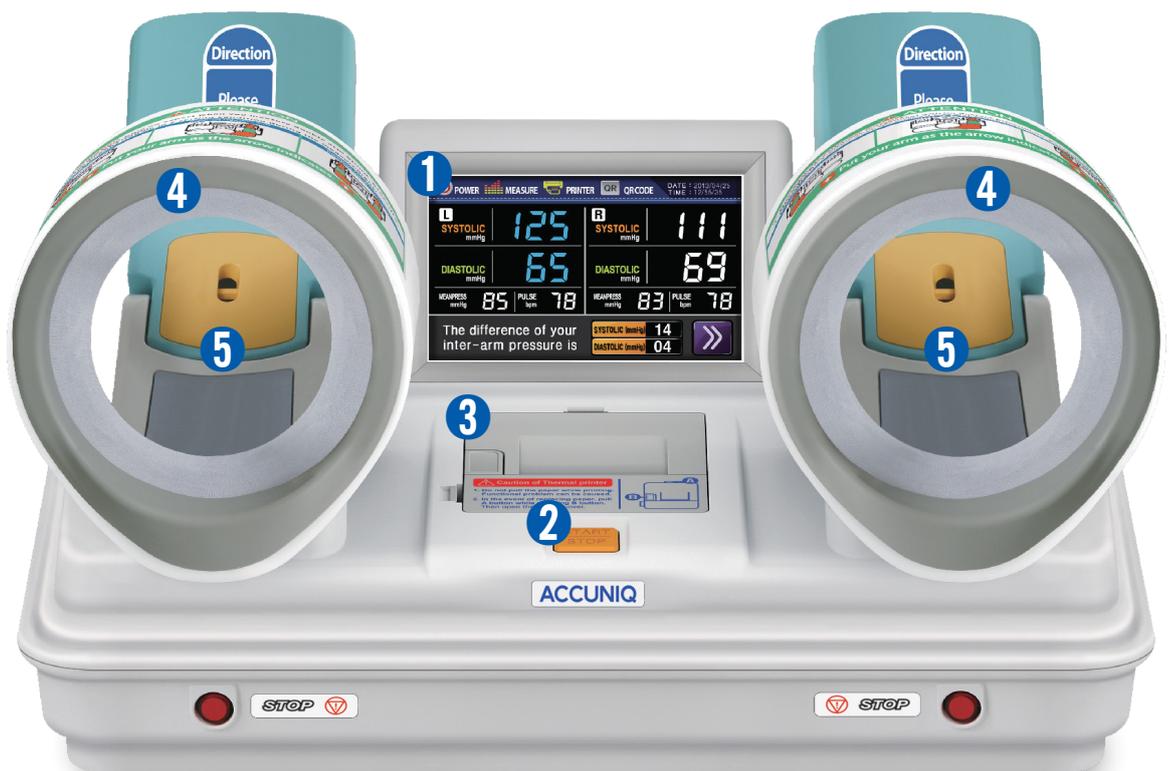
Features

- 1 7" - wide color LCD display (touchscreen)
- 2 Easy-to-use one-touch button (hand switch and foot switch)
- 3 High-speed thermal printer featuring simple paper replacement and fast printing
- 4 Cuff guide rings with diameter of 150 mm to keep the user comfortable
- 5 Cuffs and movement sensor at the same level to make analysis more accurate

※ According to the WHO recommendation, if the maximum blood pressures taken from both arms differ by 20 mmHg, and minimum blood pressures differ by 10 mmHg, such may indicate a risk factor of circulatory disease, requiring medical consultation.



Hand and Foot switch for comfortable measurement



+ Diverse Range of Options



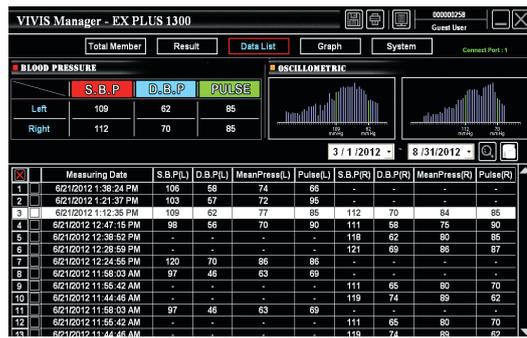
VIVIS Manager



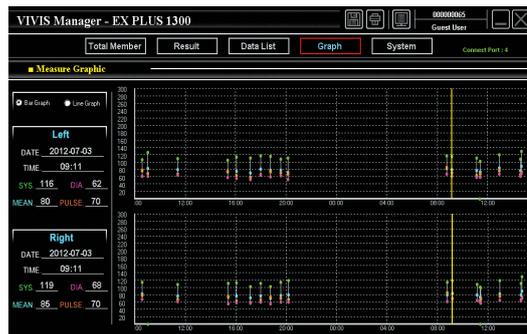
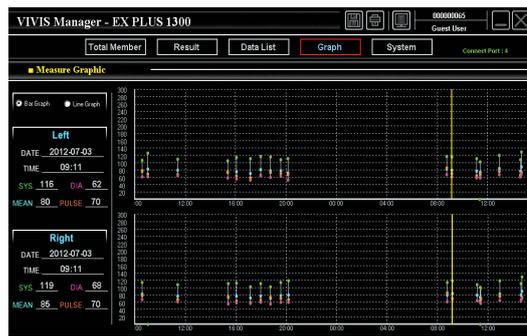
A4 Result Sheet



Adjustable chair



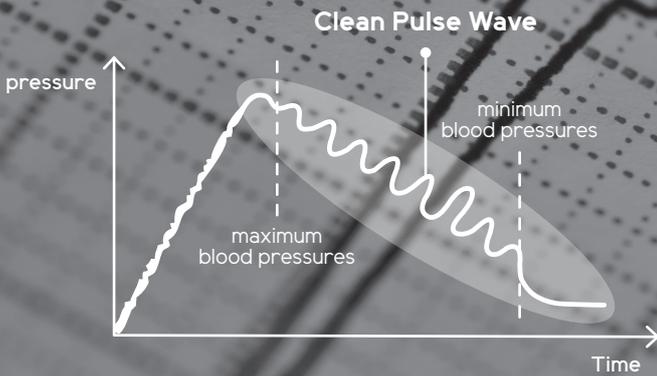
VIVIS Manager is a blood pressure data management program that helps you manage the analysis results and cumulative data.



+ Depressurizing Measurement Method

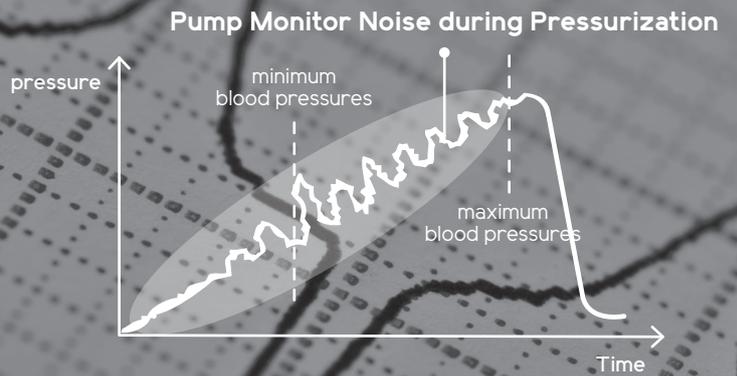
Consistent with over 120 years' sphygmomanometer history, ACCUNIQ Blood Pressure Monitor takes measurements of blood pressure as the cuffs are depressurized. This standard measurement method provides results that are quick and accurate.

ACCUNIQ's Depressurizing Measurement



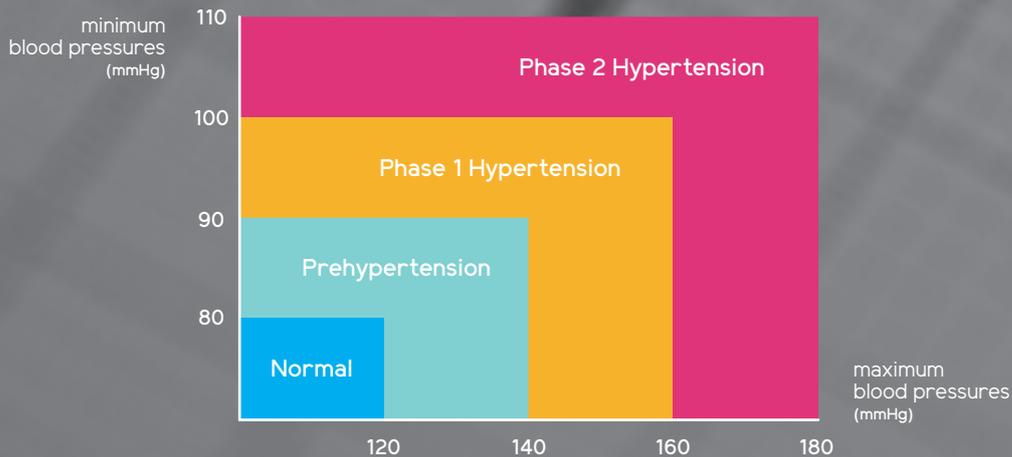
vs

Upstream Pressurizing Measurement



Risky Blood Pressure Level

Blood pressure classification by the US Combined Board JNC 7, 2003 (Unit: mmHg)



Various Analysis Methods



Left Arm



Both Arms



Right Arm

FAQ

Q. What can I do if my blood pressure fluctuates considerably?

A. Our body experiences constant circulation and changes. In addition, our blood pressure varies constantly based on our heartbeat and breathing frequency. Since our blood pressure cannot be precisely determined by just one measurement, the 24-hour-a-day ambulatory blood pressure monitoring system has been used more frequently in recent years. If you have question regarding your blood pressure fluctuations, please consult your healthcare professional. Please visit our website for more information or questions regarding proper medical device usage.

Q. What does the blood pressure difference between both arms indicate?

A. According to many leading experts and clinical research, the blood pressure difference between arms is a simple clinical index that can indicate coronary artery diseases, peripheral vascular diseases like subclavian steal syndrome, vascular diseases, thoracic aortic aneurysm caused by arteriosclerosis, Takayasu disease, coarctation of aorta, aortic dissection caused by hypertension, and cardiovascular diseases. Many scientists discovered that patients suffering any of the above diseases experience a difference between blood pressures of both arms.

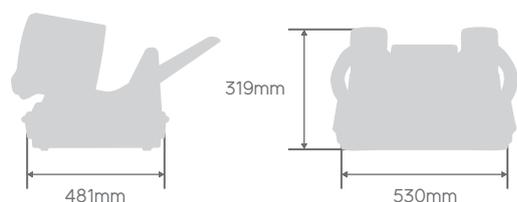
Q. Isn't it possible to take blood pressure from both arms one after another with a single-type sphygmomanometer?

A. When taking blood pressure from both arms, the measurement conditions are very important. Blood pressure constantly changes due to conditions including your posture or the environment. Therefore, results may vary. Blood pressure measurements from both arms and their comparison are meaningful only if they are taken under the same conditions. Taking blood pressure from one arm after another cannot guarantee an accurate result since we cannot be sure that the difference is caused by the environment or an actual change in blood pressure.

ACCUNIQ BP850 Specifications

| | |
|---------------------|---|
| Model | ACCUNIQ BP850 |
| Measuring Method | Oscillometric |
| Display Mode | Color LCD Touch Display (7 inch) |
| Measuring Parts | Left·Right·Both arms |
| Measuring Ranges | Pressure 30~300 mmHg, Pulse 30~240 bpm |
| Accuracy | Pressure ± 3 mmHg, Pulse Within $\pm 3\%$ |
| Cuff Type | Double cuff with automatic pressurization |
| Resolution | 1 mmHg |
| Pressurizing Method | Automatic pressurization by DC-MOTOR |
| Method of exhaust | Micro-controlled electronic exhaust type |
| Pressurizing Time | Approx. 20 seconds per pressurization |
| Measuring Time | Approx. 50 seconds per measurement |
| Power Consumption | Input AC 100~240V, 50/60 Hz Output DC 12V, 5A adaptor |
| Data Transmission | RS-232C, USB cable |
| Operating Range | Temperature 10~40°C (50°F~140°F), Humidity 30~75% |
| Storage Environment | Temperature -10~60°C (-50°F~140°F), Humidity lower than 95% |
| Dimension | 530(W) x 481(D) x 319(H)mm |
| Weight | Approx. 26.5lb·12kg |
| Printer | High speed thermal printer |
| Function | Sensor for detecting arm - Left·Right Memory - Comparing previous and current results Safety function - Emergency stop button |
| Optional Equipment | Height adjustable chair, A4 result sheet, data management program |
| Result Contents | Measuring one arm Systolic Blood Pressure, Diastolic Blood Pressure, Mean Blood Pressure, Pulse, Pulse Wave Pattern, Evaluation of Blood Pressure Measuring both arms Systolic Blood Pressure, Diastolic Blood Pressure, Mean Blood Pressure, Pulse, Pulse Wave Pattern, Evaluation of Blood Pressure, Inter Arm Pressure Difference |

※ For purpose of improvement, specifications and design are subject to change without notice.
This is a medical device. Read precaution and operation method before use.



SELVAS Healthcare is Jawon Medical's new company name.

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