



# The New Standard

Product Catalogue



# SELVAS Healthcare

SELVAS Healthcare (formerly Jawon Medical) is a digital healthcare company that has grown steadily by continuously challenging and innovating itself over the last 20 years. Through our body composition analyzer, automatic blood pressure monitors, and wearable device produced under the ACCUNIQ brand name, we provide accurate diagnosis and comprehensive personalized healthcare solutions.

## SELVAS Group



## Partners



## About the Brand

ACCUNIQ, a brand that combines "accurate" and "unique", strives to understand your body more completely and improve your body balance through accurate diagnosis and acclaimed, unmatched technical capabilities. Also, with customer satisfaction as its highest priority, ACCUNIQ develops and provides top-quality products and services backed by advanced technology.



Slim and stylish design

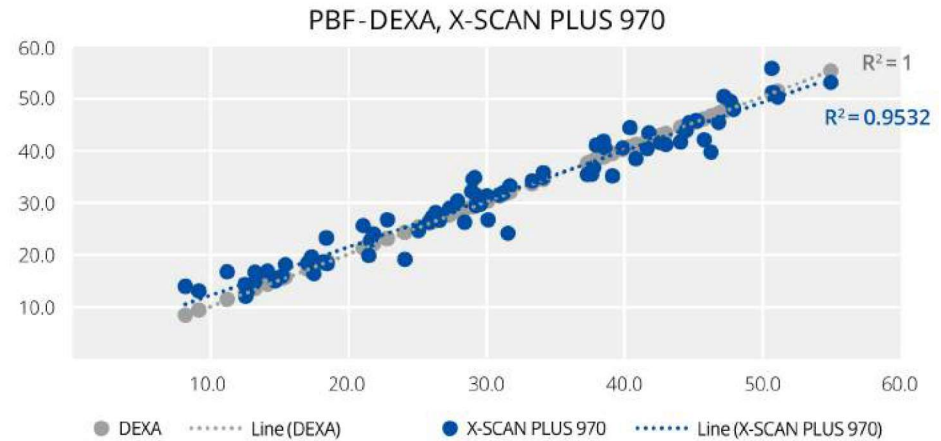
Intuitive and user-friendly GUI and UX

# ACCUNIQ Technology

## High Consistency with DEXA

The methods of analyzing your body composition include computed tomography(CT), magnetic resonance imaging(MRI), and underwater weighing. Dual-energy X-ray absorptiometry(DEXA) is currently considered the gold standard since it accurately analyzes your fat, muscles, and bones with low radiation exposure.

ACCUNIQ conducted clinical tests with IHT, a professional clinical organization based in Texas, USA, to verify our product's precision with DEXA. The result shows that our analysis is more accurate than our competitors.



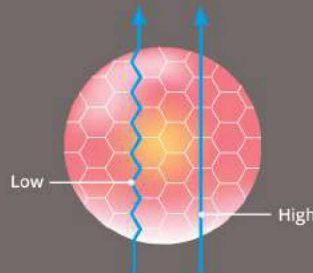
DEXA-ACCUNIQ	Paired T-test Analysis of Body Composition									Coefficient of Determination between Our Products (X-SCAN PLUS 970 and ACCUNIQ BCA)	LBM R <sup>2</sup>		
	Percent Body Fat(%)			Body Fat Mass(kg)			Lean Body Mass(kg)				BC720	BC510	BC360
	Mean±SD	p-value	p-value explanation	Mean±SD	p-value	p-value explanation	Mean±SD	p-value	p-value explanation				
	-0.4±0.7	0.17	DEXA PBF = ACCUNIQ PBF	-0.4±0.2	0.06	DEXA PBF = ACCUNIQ PBF	0±0.3	0.99	DEXA PBF = ACCUNIQ PBF		0.9967	0.9949	0.9962

※Determination of coefficient(R<sup>2</sup>) of DEXA is 1, and the accuracy of ACCUNIQ is higher if R<sup>2</sup> value is close to 1.

※The accuracy of X-SCAN PLUS 970 is proved through clinical study with DEXA at IHT Center, San Antonio TX. The high correlation to all ACCUNIQ models confirms the accuracy.

### Multi-Frequency Analysis

ACCUNIQ uses 6 frequencies between 1 kHz and 1000kHz to analyze your intracellular water, extracellular water, and total body water accurately. A frequency lower than 100kHz is used to analyze extracellular water since it flows along the cell membrane, whereas a frequency above 100kHz is used to analyze total body water as it flows through the cell membrane.



### Eight-Point Touch Electrodes

ACCUNIQ uses the 8-point touch electrodes method, which is highly accurate despite its complexity. Eight electrodes may be placed on the hands and feet or wrists and ankles to analyze body composition stably.



## PRODUCT

Premium Body Composition Analyzer

ACCUNIQ BC720

Standard Body Composition Analyzer

ACCUNIQ BC380

# ACCUNIQ BC720

Premium Body Composition Analyzer



## Features

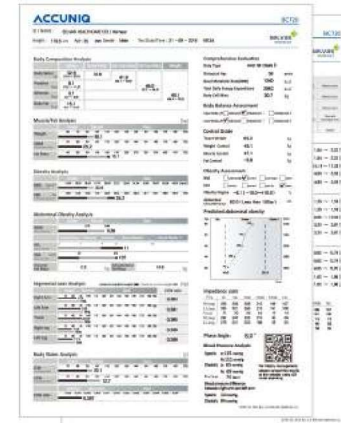
**8.4 Inch Wide Color LCD Touch Screen**  
**Frequency Range 1, 5, 50, 250, 550, 1000kHz**

- Risk factor assessment and prevention through prediction of abdominal fat and phase angle measurements
- Ultrasonic height meter specifically for the BC720 (optional)
- Water balance assessment
- QR code support on results screen
- Data management using ACCUNIQ Manager

## Result breakdown

- Body composition analysis: Intracellular Water, Extracellular Water, Total Body Water, Body Fat Mass, Soft Lean Mass, Skeletal Muscle Mass, and Lean Body Mass
- Body Mass Index, Body Fat Percentage, Basal Metabolic Rate, Required Daily Calories, Body Age, and Body Type Evaluation
- Various types of abdominal fat assessment: Visceral Fat Level, Visceral Fat Area, Waist-Hip Ratio (W.H.R.), Subcutaneous Fat Mass, Visceral Fat Mass, and Prediction of Abdominal Fat
- ECW/TBW for the whole body, ECW/TBW for each segment, and Phase Angle
- Segmental assessment: Soft Lean Mass (dual graph), Body Fat Mass, ECW/TBW, Body Water, Intracellular Water, and Extracellular Water
- Body composition change graph: Weight, Skeletal Muscle Mass, Body Fat Mass, Body Fat Percentage, Body Mass Index, Waist-Hip Ratio, and ECW/TBW
- Segmental Results sheet: Cumulative graph of body composition changes and body type assessment table (20 levels)

## Result sheet



- Body Composition Results
- Segmental Results
- Result sheet for Infants (optional)



# ACCUNIQ BC380

The New Standard Body Composition Analyzer



## Features

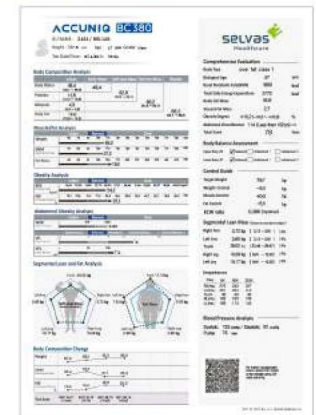
**7 Inch Wide Color LCD Touch Screen**  
**Frequency Range 5, 50, 250kHz**

- Ergonomic design that enables the user to adjust the foot plate height and size
- User-friendly, organized, and simple GUI
- Enhanced customer service through remote support programs (ACCUNIQ Remote Support)
- QR code support on results screen
- Data management using ACCUNIQ Manager
- Wi-Fi and Bluetooth support (Optional)

## Result breakdown

- Body composition analysis: Intracellular Water, Extracellular Water, Total Body Water, Body Fat Mass, Soft Lean Mass, Skeletal Muscle Mass, and Lean Body Mass
- Body Mass Index, Body Fat Percentage, Basal Metabolic Rate, Required Daily Calories, Body Age, and Body Type Evaluation, Overall rating
- Various types of abdominal fat assessment: Visceral Fat level, Visceral Fat Area, Waist-Hip Ratio (WHR), and Abdominal Girth
- Weight control: Recommended Weight, Weight Control, Soft Lean Mass Control, and Body Fat Control
- ECW/TBW for whole body
- Segmental assessment: Muscle and fat analysis graphs for each segment

## Result sheet



- Body Composition Results
- Result sheet for Infants (optional)

## PRODUCT

Portable Body  
Composition  
Analyzer

ACCUNIQ BC300

ACCUNIQ BC310



# ACCUNIQ BC300

ACCUNIQ's Best Seller

## Features

**7 Inch Wide Color LCD**

**Frequency Range 5, 50, 250kHz**

- Ultralight and foldable design
- Weighing about 10 kg, easy for anyone to move and install
- Dedicated bag for safe transport (optional)
- Data management using ACCUNIQ Manager

## Result breakdown

- **Body composition analysis:** Intracellular Water, Extracellular Water, Total Body Water, Body Fat Mass, Soft Lean Mass, Skeletal Muscle Mass, and Lean Body Mass
- Body Mass Index, Body Fat Percentage, Basal Metabolic Rate, Required Daily Calories, Body Age, and Body Type Evaluation
- **Various types of abdominal fat assessment:** Visceral Fat level, Visceral Fat Area, Waist-Hip Ratio (WHR), and Abdominal Girth
- **Segmental assessment:** Soft Lean Mass and Body Fat Mass
- **Body composition change:** Weight, Body Fat Mass, and Soft Lean Mass (previous/present)



# ACCUNIQ BC310

Basic Body Composition Analyzer

## Features

**Mono Graphic LCD**

**Frequency Range 5, 50, 250kHz**

- Low-level frequencies to offer quick and easy analysis.
- Built in Thermal Printer
- Versatile arrangement (desk type / wall type / stand type)

## Result breakdown

- **Body composition analysis:** Weight, Standard Weight, Lean Body Mass, Total Body Water, Intra Cellular Water, Extra Cellular Water
- Body Mass Index, Mass of Body Fat, Percent of Body Fat
- Waist-Hip Ratio (WHR), Basal Metabolic Rate
- **Total Body Water analysis:** Ratio of E.C.W./T.B.W
- Segmental Lean Body Mass
- **Weight control:** Target to Control, Goal Setter



Upper part  
of the body



Lower part  
of the body

# ACCUNIQ BP850

World's First Dual-arm Blood Pressure Monitor



## Features

### 7 Inch Wide Color LCD Touch Display

Measuring Ranges Pressure 30~300mmHg, Pulse 30~200bpm

- Various results sheets and measuring methods (measuring the left and right arms, as well as both arms simultaneously)
- Easy-to-use one-touch button; hand switch and foot switch (Comes with a dedicated table and chair)
- High-speed thermal printer featuring simple paper replacement and fast printing
- Cuff guide rings with diameter of 150 mm to keep the user comfortable
- Cuffs and movement sensor at the same level to make analysis more accurate

## Result breakdown

- **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



## Result sheet

2011 / 05 / 28 15:07	
<b>Lt</b>	
SYSTOLIC .....	125 mmHg
■ DIASTOLIC .....	65 mmHg
MEANPRESS .....	85 mmHg
PULSE .....	78 bpm
<b>Rt</b>	
SYSTOLIC .....	111 mmHg
■ DIASTOLIC .....	69 mmHg
MEANPRESS .....	83 mmHg
PULSE .....	78 bpm
<b>Inter-arm Difference</b>	
SYSTOLIC	14 mmHg
DIASTOLIC	04 mmHg
* Refer to the results and consult to physician about specific medical information.	

Basic

## PRODUCT

Blood Pressure Monitor

ACCUNIQ BP250  
ACCUNIQ BP210

## OPTION

B.C.A.

Ultrasonic height-meter

Ankle electrodes  
Segmental Results  
Result sheet for-  
Infants

B.P.M.

Reverse Monitor  
Optional output-  
specs  
Cart/Chair  
(height adjustable)

# ACCUNIQ BP250

Premium Blood Pressure Monitor

## Features

### 7 Inch Wide Color LCD Touch Display

Measuring Ranges Pressure 30~300mmHg, Pulse 30~240bpm



- World's first automatic blood pressure monitor that displays QR codes on an LCD screen Pattern graph output and simple output
- Simple one-touch function
- Voice guidance program and emergency safety apparatus integrated
- Data management via mobile device
- Rear monitor accepting data entry
- High-speed printer and automatic cutter incorporated to facilitate clean and fast printing
- Card reader incorporated to keep track of and compare the results
- Auto ON/OFF function with proximity sensor (energy saving function)

## Result breakdown

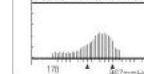
- Systolic·Diastolic·Mean blood pressure, Pulse Pressure), Pulse, Analysis (Pulse Wave Pattern· Blood Pressure Assessment)
- **Reverse Monitor(optional):** Systolic·Diastolic Blood Pressure, Pulse, ID, B.M.I., Fatness

## Result sheet

DATE ..... 2009/12/15  
TIME ..... 18:46  
SYSTOLIC ..... 122mmHg  
DIASTOLIC ..... 063mmHg  
MEANPRESS ..... 082mmHg  
PULSEPRESS ..... 059mmHg  
PULSE ..... 087bpm

The result is prehypertension.  
Refer to the results and consult  
to physician.

### PULSE WAVE PATTERN



Pattern output

DATE ..... 2009/12/15  
TIME ..... 18:46  
SYSTOLIC ..... 122mmHg  
DIASTOLIC ..... 063mmHg  
PULSE ..... 087bpm

Simple output

# ACCUNIQ BP210

Standard Blood Pressure Monitor

## Features

### High Brightness LED Display

Measuring Ranges Pressure 30~300mmHg, Pulse 30~240bpm



- Automatic blood pressure monitor; ACCUNIQ's best-selling blood pressure monitor
- Simple one-touch function
- Voice guidance program and emergency safety apparatus integrated
- Data management via mobile device
- Rear monitor accepting data entry
- High-speed printer and automatic cutter incorporated to facilitate clean and fast printing
- Card reader incorporated to keep track of and compare the results
- Auto ON/OFF function with proximity sensor (energy saving function)

## Result breakdown

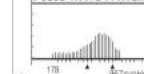
- Systolic·Diastolic·Mean blood pressure, Pulse Pressure), Pulse, Analysis (Pulse Wave Pattern· Blood Pressure Assessment)
- **Reverse Monitor(optional):** Systolic·Diastolic Blood Pressure, Pulse, ID, B.M.I., Fatness

## Result sheet

DATE ..... 2009/12/15  
TIME ..... 18:46  
SYSTOLIC ..... 122mmHg  
DIASTOLIC ..... 063mmHg  
MEANPRESS ..... 082mmHg  
PULSEPRESS ..... 059mmHg  
PULSE ..... 087bpm

The result is prehypertension.  
Refer to the results and consult  
to physician.

### PULSE WAVE PATTERN



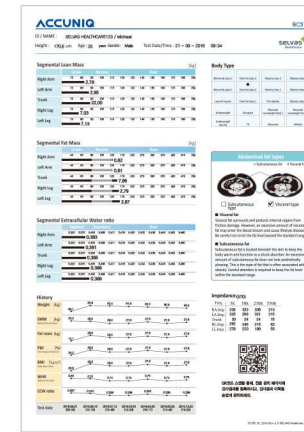
Pattern output

DATE ..... 2009/12/15  
TIME ..... 18:46  
SYSTOLIC ..... 122mmHg  
DIASTOLIC ..... 063mmHg  
PULSE ..... 087bpm

Simple output



**Ultrasonic height meter**  
 (BC720/BC510/BC380/BC360/BC300 optional)  
 This device automatically and quickly measures height more accurately using artificial intelligence and ultrasonic measurement technology.

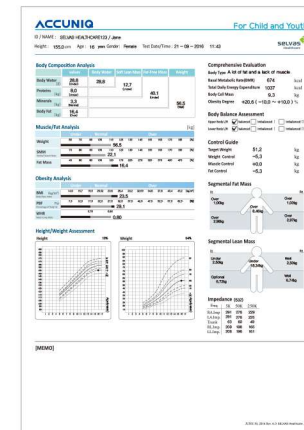


**Segmental Results**  
 (BC720 standard / BC510 optional)

- Segmental Lean Mass/Fat Mass/Extracellular Water ratio
- Cumulative graph of body composition changes
- body type assessment table (20 levels)
- Impedance
- QR Code



**Reverse Monitor** (BP250/BP210 optional) This monitor is fitted behind the blood pressure monitor's display screen for the operator to see. Use the monitor's buttons to manage blood pressure measurement. Also, data management is easier with personal data entry.



**Result sheet for Infants** (all optional)

- Body Composition Analysis
- Muscle/Fat Analysis
- Obesity Analysis
- Height/Weight Assessment
- Segmental Lean Mass/Fat Mass
- Impedance

**Optional output specs for blood pressure monitor**

Above data is reference value. It is necessary to consult with a doctor for exact diagnosis and treatment.  
**SELVAS Healthcare, Inc.**

1. Entity name entry  
 Enter the name of a business entity on the selected basic results sheet.

ID-NO ..... 00000001  
 HEIGHT ..... 158.0 cm  
 WEIGHT ..... 056.0 kg  
 FATNESS ..... 101%  
 B.M.I. .... 22.4 kg/m<sup>2</sup>

2. Reverse Monitor  
 The person's ID, height, weight, obesity, and BMI are printed on the selected basic results sheet.

ID-NO ..... 00000001

DATE / TIME	SYSTOLIC (mmHg)	DIASTOLIC (mmHg)	PULSE (b/min)
09 12 08 15:49	112	66	83
09 12 01 10:21	111	60	77
09 11 24 10:29	119	90	63
09 11 17 10:19	119	72	81
09 11 10 10:10	156	90	81
09 11 04 10:29	105	60	78

3. Magnetic card/RFID card  
 The person's ID and accumulated data for six times are printed on the selected basic results sheet.



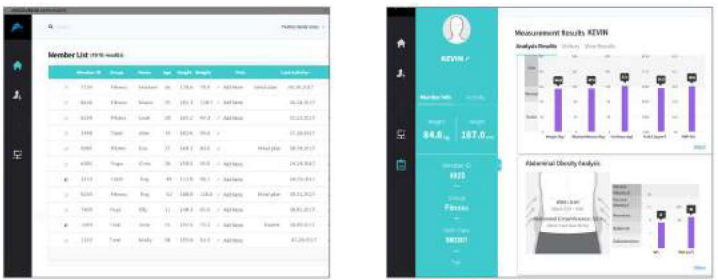
**Cart/Chair (height adjustable)**  
 (BP250/BP210 optional)



# MANAGEMENT

## PROGRAM ACCUNIQ MANAGER

## APPLICATION ACCUNIQ APP



# ACCUNIQ MANAGER

Body composition management program

### Features

ACCUNIQ MANAGER is a client health data management solution that captures and presents all body composition results with comparisons to healthy ranges for fast and easy assessment.

- Generate historical comparisons to show progress and helps you personalize your diet and exercise prescriptions based on critical data.
- Print full page reports, thermal receipt, or transfer results to devices.
- Recommendation of personalized diet and exercise program to achieve healthy range.
- Easy-to-understand, Intuitive screen layout with graphical data presentation.
- Screen showing systematic body composition analysis results for individual users and the provides for efficient data management processing.

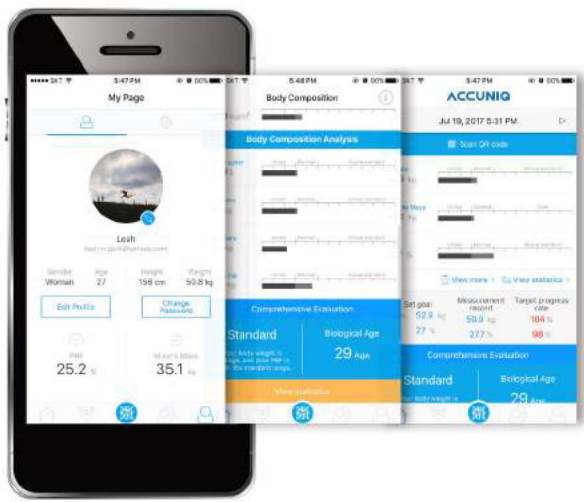
# ACCUNIQ APP

Body composition management application

### Features

ACCUNIQ App is a mobile service for the management of personal body composition data. You can scan the QR code of the body composition measurement result with a smart phone so clients can check the result anytime.

- Shows graphical statistical views of composition results and changes.
- A Control Guide shows recommendations on caloric intake and exercise levels to reach healthy ranges.
- Stores all measurements and shows historical graphing of measurement levels and healthy ranges.



5:48

Body Com

20.9 kg/m<sup>2</sup>

Body Composi

body water

26.9 L

Proteins

7.4 kg

Minerals

2.5 kg

Body Fat

14.1 kg

Comprehensiv

Standard

Your body weight is average, and your PBF is within the standard range.



**ACCUNIQ** is a global supplier of medical devices to leading health care and fitness providers, hospitals, medical facilities, doctor's offices, weight loss centers, fitness clubs, community health centers and retail health stores.

