

M08 / M09 / M50

Measurement, **made connected.**

Height & Weight Scale Collection

Three configurations. One clear screening workflow.



M08



M50



M09

ULTRASONIC HEIGHT / WEIGHT / DIGITAL REPORTING

Find your configuration.

A consistent measurement platform, with functions matched to the setting.

Measurement / feature	M08	M09	M50
Height, weight & BMI	Included	Included	Included
Forehead temperature	Optional	Included	Included
Blood pressure	-	-	Included
Body composition	-	-	Included
Thermal printing	Included	Included	Included
Barcode / QR reader	Optional	Included	Included

DESIGNED FOR EVERYDAY USE



Ultrasonic height

Height accuracy: ± 0.1 cm.



Touch interaction

7-inch color touch display.



Measurement output

Integrated thermal reporting.



Connected data

Wi-Fi / RS232 interfaces.

M08 / Essential measurements.

Height, weight and BMI in a self-service measurement workflow.



MEASUREMENT FEATURES

- Ultrasonic height measurement
- Weight measurement and automatic BMI
- Thermal result tickets

HEIGHT

5-200 cm

WEIGHT

1-200 kg

WEIGHT ACCURACY

±0.05 kg

WORKFLOW

01 Identify

02 Measure

03 Review & print

M09 / Add temperature.

A compact measurement point combining height, weight, BMI and forehead temperature.



MEASUREMENT FEATURES

- All M08 core measurements
- Infrared forehead temperature
- Barcode / QR identification

TEMPERATURE

32.0-42.5 °C

RESOLUTION

0.1 °C

DISTANCE

5-8 cm

WORKFLOW

01 Identify

02 Measure & scan

03 Review & print

M50 / A broader health snapshot.

Extend the measurement workflow with blood pressure and four-electrode body composition.



MEASUREMENT FEATURES

- Height, weight, BMI and temperature
- Oscillometric blood pressure measurement
- Four-electrode body composition analysis

BLOOD PRESSURE

30-280 mmHg

PULSE RANGE

40-199 /min

IMPEDANCE

200-1000 Ω

WORKFLOW

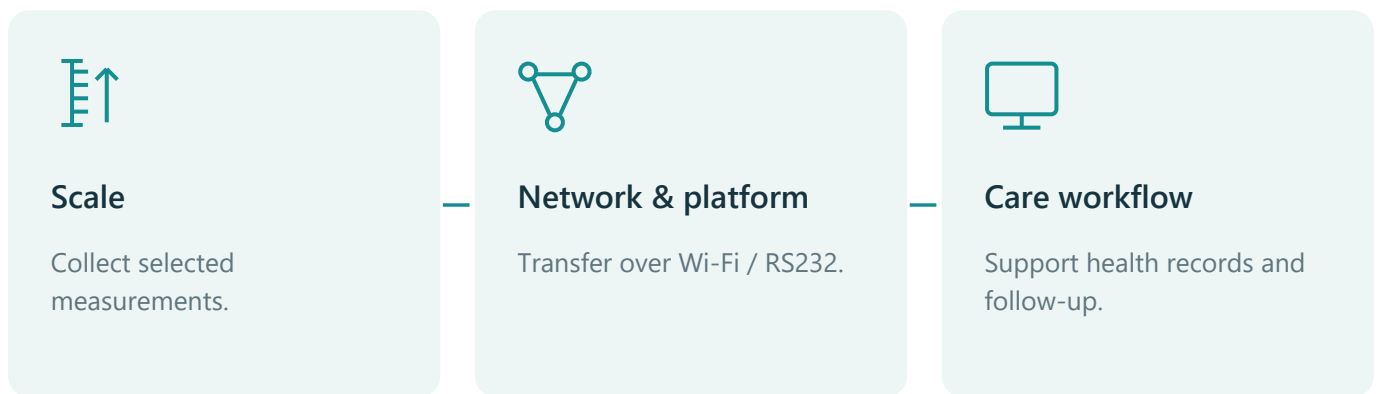
01 Identify

02 Complete modules

03 Review & print

From measurement to record.

A guided workflow that connects the selected measurement modules with your reporting environment.



A SIMPLE FOUR-STEP VISIT

- 01 **Identify**
Use the configured login method: automatic access, coin acceptor or QR code.
- 02 **Measure**
Follow the on-screen sequence for the functions available on the selected model.
- 03 **Review**
View height, weight, BMI and any additional configured measurement results.
- 04 **Report**
Print a thermal result ticket or transfer results into the connected workflow.

Core system specifications.

Shared specifications for the scale collection. Confirm the final model configuration when ordering.

System	Specification
Display	7-inch resistive color touch screen; 1024 × 600 resolution
Operating system	Embedded
Data interfaces	Wi-Fi / RS232; RS-232C DB9 transmission interface
Code reader	Barcode / QR code; optional on M08
Power supply	100-240 V AC, 50/60 Hz
Power consumption	≤50 W
Dimensions (L × W × H)	513 × 615 × 2310 mm
Machine weight	Approximately 24.5 kg
Operating environment	5-40 °C; 20-85% RH, non-condensing
Storage temperature	-10 to +60 °C
Height measurement	Ultrasonic; 5-200 cm; accuracy ±0.1 cm
Weight measurement	Resistance strain type; 1-200 kg; accuracy ±0.05 kg
BMI	Automatic calculation from measured height and weight

The details behind each module.

Module specifications apply where the feature is included or selected. Temperature accuracy follows the formal specification table.

BLOOD PRESSURE / M50

Method & display

Oscillometric method; digital display

Pressure range

30-280 mmHg (0-37.3 kPa)

Pulse rate range

40-199 beats/min

Accuracy

Pressure ± 3 mmHg (± 0.4 kPa); pulse $\pm 5\%$

Power & weight

DC 6 V; 4 $\times$ AA (LR6) batteries; about 1.6 kg

Arm circumference

20-32 cm

Operating environment

5-40 °C; 30-80% RH; 86-106 kPa

Storage environment

-20 to +55 °C; 10-93% RH; 50-106 kPa

FOREHEAD TEMPERATURE

Measurement range

32.0-42.5 °C; resolution 0.1 °C

Accuracy

$\leq \pm 0.3$ °C over 35-42 °C

Power & distance

≤ 120 mW; measurement distance 5-8 cm

BODY COMPOSITION / M50

System & electrodes

Four-electrode; electroplated electrode material

Impedance

200-1000 Ω ; tolerance $\pm 10\%$

THERMAL PRINTER

Printing

Line thermal; 203 dpi; up to 100 mm/s

Paper & print width

58 ± 0.5 mm paper; 48 mm / 384-dot print width

Paper thickness & voltage

56-105 μm ; 12-24 V

Build your measurement point.

Select the model, access method and reporting workflow that fit your project.



Hospitals & clinics

Routine height and weight measurement.



Pharmacies

Accessible self-service measurement.



Health centers

Connected health screening workflows.



Public spaces

Measurement points in malls and community settings.

DISCUSS YOUR CONFIGURATION

Confirm the measurement functions, identification method, data integration and installation requirements with the Bayint team.

Let's plan your project.

www.bayint.com

deby@bayint.com | +86 185 6577 1898