



A200-S

A SERIES

*Accurate, easy-to-use weighing
machine with data output*

The A-200 Series is a groundbreaking BMI system integrated with a Smart Body Fat Analysis Device, designed for 2023.



It features a high-precision ultrasonic height sensor and a highly sensitive load cell for accurate measurements.

This system is intuitive and user-friendly, specifically designed for public health screening events and the medical industry. It incorporates various advantages to enhance user experience.

As soon as a user steps onto the platform, the system initiates a voice interface to guide them. It also supports database collection and PC connectivity for seamless data transfer.

'a complete solution for school'



No.	Name	Gender	Age	Status	Height	Weight
1	ABIGAIL CHIA	F	10	M	152	48.2
2	BEATRICE LEE	F	10	M	158	55.2
3	CATHERINE COOY	F	10	M	158	55.1
4	DEWICK LECONG	F	10	M	152	72.5
5	EMPERIAL LAM	F	10	M	178	58
6	KEITH HERNIC	F	10	M	178	102.1
7	MAVIS GON	F	10	M		
8	NANCY TON	F	10	M		
9	ANDREW WONG	F	10	M		
10	ANTONY GON	F	10	M		
11	VICTORIA CHIA	F	10	M		
12	ANDREW WONG	M	10	M		
13	CHARMION LEE	M	10	M		
14	CHARLOTTE	M	10	M		
15	CHARLES TAY	M	10	M		



SPECIFICATIONS

LCD

7" LCD Wide Angle Touch Screen interface colour display

POWER SUPPLY

Standby <30W
On Usage <8W

WEIGHT (LOAD CELL)

Accuracy +/- 0.1kg
Resolution 0.1kg
Range 1 - 250 kg

BODY COMPOSITION ANALYSIS

4-electrode with dual frequency Whole-Body
Bio-impedance measurement

MACHINE

Weight 30kg
Height 230cm

OPERATING TEMPERATURE

10-40 degree

POWER SUPPLY

12 VDC /1.7A

ULTRASONIC HEIGHT SENSOR

Accuracy +/- 0.1cm
Resolution 0.1cm
Range 50 - 200cm

DIMENSION

Max. Machine Height 230cm
Scale Base Dimension 310 x 520 x 100mm

COLOUR

White

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A200- BF

A SERIES

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avamech
We Care, We Share

'a complete
solution for
you'



Time: 5:23	Date: 2017.1.12
Gender: Male	Age: 28
Height: 181.5cm	Weight: 82.4kg
BMI: 25.0	(18.5~24.0)
Body Composition Analysis:	
Body Fat Rate: 29.5%	(10.0~21.0)
Muscle Mass: 55.0 Kg	(38.5~48.5)
Body Water Rate: 52.2%	(55.0~65.0)
Visceral Fat Grade: 12.1	(<10)
Basal Metabolic Rate: 1913 Kcal	
Body Fat Mass: 24.3 Kg	
Ideal Weight: 79.5 Kg	
Fat Free Mass: 58.1 Kg	
Body Water: 43.0 Kg	
Bone Mineral: 2.9 Kg	
Protein: 12.2 Kg	
Body Type: Invisible Obese	
Body Impedance: 730.8 ohm	



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