

Safe, Convenient, and Reliable

Designed to be straightforward and easy to operate, the Charder MA601 Body Composition Analyzer completes a full body composition scan in less than a minute, helping professionals evaluate growth quickly and reliably!



Key Growth Indicators

1 Body Composition Analysis

Four-compartment body composition results and normal range for comparison

2 Muscle-Fat Analysis

Understanding skeletal muscle and body fat proportions can help professionals evaluate growth

3 Growth History

By selecting the same user ID prior to measurement, growth trends can be tracked automatically

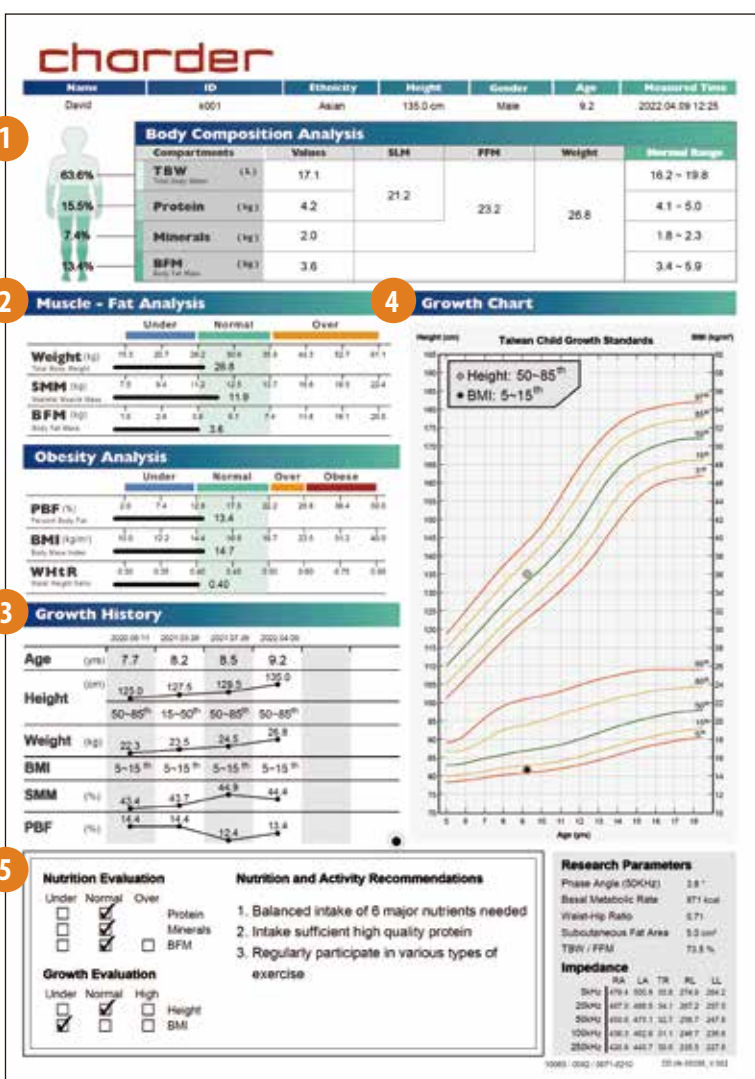
4 Growth Chart

Height and BMI results are compared with results from the same age group to place results in context to determine if there is delayed growth

5 Evaluation

Evaluation and recommendations for nutrition and exercise based on body composition and growth results

Results should be considered a general reading, and not for diagnostic purposes.

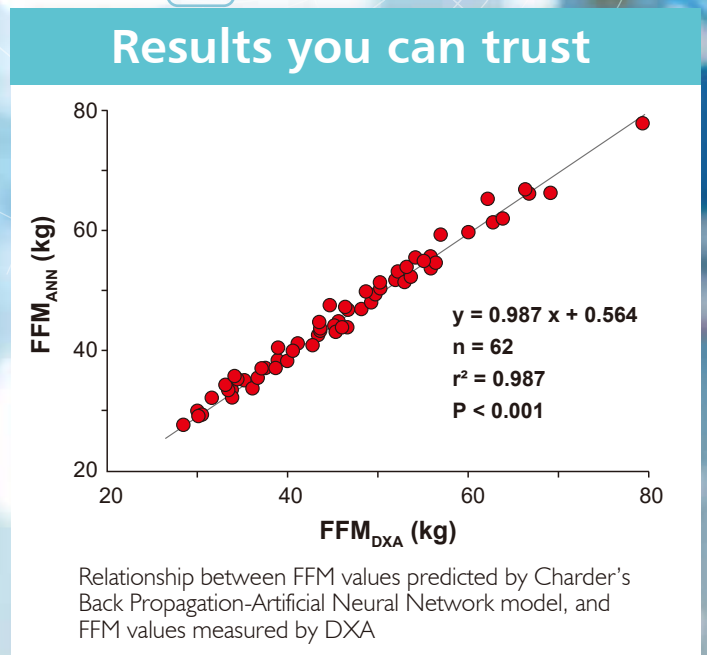




Clinically validated results

High correlation with DXA

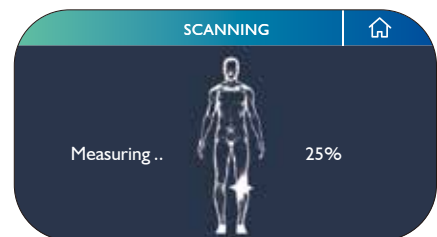
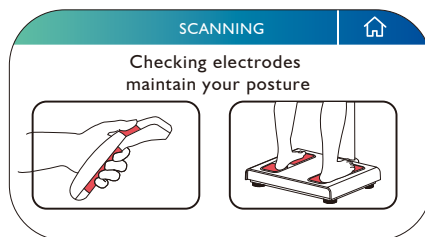
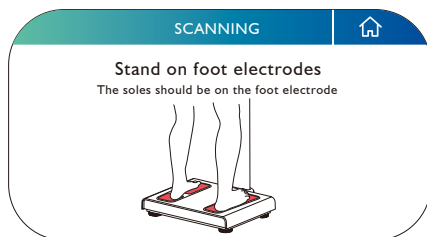
Charder's years of research in the field of Bioelectrical Impedance Analysis include utilization of Artificial Neural Networks, with algorithms formulated and validated using "gold standards" such as CT and DXA for results you can trust.



Intuitive and user-friendly interface

Voice-guided measurement procedure

7-inch color touchscreen combined with voice guidance throughout measurement procedure makes the MA60I easy-to-operate, improving reliability and reproducibility of results. Measurement results are organized clearly on a professional result sheet, and can be transferred to a PC for advanced analysis and data management.



Improve growth assessment

Easy-to-operate. Non-invasive and safe.

Evaluation of growth through childhood and adolescence requires accurate and regular measurement. The MA60I features an intuitive touchscreen interface and voice guidance throughout the measurement process, requiring minimal training to operate safely and properly, saving time by reducing input and measurement error.

Completing an advanced scan in less than a minute, the MA60I uses segmental multi-frequency measurement technology to provide clinically validated results you can trust.



MA601 Body Composition Analyzer

Key Specifications	
Bioelectrical Impedance Analysis (BIA)	15 Impedance Measurements: 3 frequencies (5kHz, 50kHz, 250kHz) for 5 segments (Right Arm, Left Arm, Trunk, Right Leg, Left Leg)
Electrodes	8-point Tactile Electrode Design
Display	800 x 480 pixels, 7-inch color touchscreen LCD
Capacity / Graduation	Max Capacity 300kg (0.1 kg graduation)
Applicable Age	6-85 years old
Output / Transmission	USB 2.0 x2, Bluetooth (optional), Wi-Fi, RJ45 Ethernet
Data Storage	50,000 Measurements
Measurement Duration	Less than 45 seconds
Device Dimensions	580 (L) x 450 (W) x 1025 (H): mm 22.8 (L) x 17.7 (W) x 40.4 (H): inches
Device Weight	About 12kg (27lbs)

Result Sheet Output	
Body Composition Analysis	Intracellular Water, Extracellular Water, Total Body Water, Protein, Mineral, Body Fat Mass, Soft Lean Mass, Fat-Free Mass, Weight
Muscle-Weight Analysis	Weight, Skeletal Muscle Mass, Body Fat Mass
Obesity Analysis	Percent Body Fat, Body Mass Index, Visceral Fat Level
Segmental Analysis	Basal Metabolic Rate, Total Energy Expenditure, Phase Angle (50kHz), Fat-Free Mass Index, Skeletal Muscle Index
Body Type Analysis	Weight, Skeletal Muscle Mass, Body Fat Mass
Muscle Quality	Percent Body Fat, Body Mass Index, Visceral Fat Level
Body Type Analysis	Weight, Skeletal Muscle Mass, Body Fat Mass
Muscle Quality	Percent Body Fat, Body Mass Index, Visceral Fat Level

*Standard Result Sheet for Adults also available



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