Global Health

AUTHORIZED CHARDER DISTRIBUTOR · USA

MEDICAL-GRADE BODY COMPOSITION ANALYZER

Clinical-grade body composition in under 45 seconds.

Charder MA601 Medical-Grade Body Composition Analyzer

Three frequencies, eight electrodes and an exclusive core muscle analysis — with algorithms validated against DXA and CT.

MEDICAL GRADE



<45 s
segmental multi-frequency test

3
frequencies · 5, 50, 250 kHz

3
clinical result sheets

Why clinics choose the MA601

Medical-grade precision
8 electrodes and 3 frequencies assess arms, trunk and legs separately — water, protein, mineral, fat and muscle.

Exclusive core muscle analysis
Total core muscle area at L4–L5 plus a patented core score, on the Fitness result sheet.

Sarcopenia and fluid insight
Phase angle, ECW/ICW balance, estimated grip strength and a muscle quality score.

Minimal training required
7" color touchscreen with voice guidance — and your clinic's logo on every printout.

Same weight. Same BMI. Very different patients.
BMI can't tell muscle from fat. Body composition shows what is really changing — so you can act earlier and show patients their progress.

HOW IT WORKS

1. **Enter the patient**
Touchscreen, keyboard, PC software or barcode scanner.

2. **Voice-guided test**
Segmental multi-frequency analysis in under 45 s.

3. **Print or sync**
Medical, Fitness or Child Growth sheet — or send to Insight.

WHY TRUST IT — Algorithms validated vs. DXA & CT · FDA registered & listed · ISO 13485 · EU MDR certified

IDEAL FOR — Hospitals · Clinical nutrition · Sarcopenia programs · Rehab & sports medicine · Obesity care · Pediatrics

Free shipping
Anywhere in the U.S.

12-month warranty
On all Charder equipment

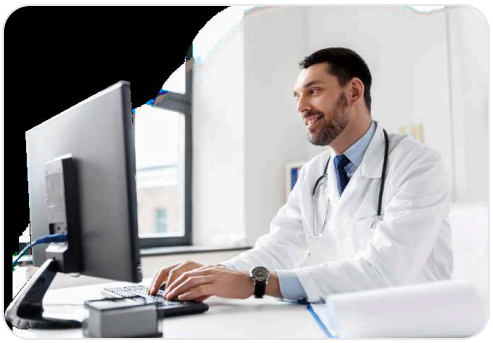
30-day returns
Simple, no-hassle process

Expert support
Before and after you buy

Three result sheets, one medical-grade platform

What it measures

- Weight & BMI
- ECW · ICW · TBW
- Skeletal muscle mass
- Segmental lean mass
- Fat-free mass
- Estimated grip strength
- Muscle quality score
- FFMI · SMI · ASMI
- Phase angle (50 kHz)
- Body fat mass & % body fat
- Segmental fat
- Visceral fat level
- Core muscle area (L4–L5)
- Body type & balance
- Health score
- BMR & TEE



Specifications

Method	Segmental multi-frequency BIA
Electrodes / frequencies	8 / 3 (5, 50, 250 kHz)
Impedance accuracy	±3%
Measurement time	Less than 45 seconds
Electrode current	< 500 µA
Age range	6 to 85 years
Capacity / graduation	660 lb (300 kg) / 0.2 lb (0.1 kg)
Display	7" color touchscreen, 800 × 480, voice guidance
Result sheets	Standard Medical, Fitness, Child Growth
Connectivity	Wi-Fi, Ethernet, USB × 2, Bluetooth
Storage	50,000 results
Dimensions / weight	22.8 × 17.7 × 40.4 in (580 × 450 × 1025 mm) · approx. 26.5 lb (12 kg)
Power	AC 100–240 V, 50/60 Hz adapter
Regulatory	FDA registered & listed
Warranty	12 months

Your data, where you need it

- USB printer output
- Charder ProScan app
- Charder Insight software
- Server integration (API)
- USB export

Result sheets

- **Standard Medical** — muscle-fat balance, general use
- **Fitness** — core L4–L5, metabolism
- **Child Growth** — pediatric tracking

Ordering information

MODEL	SKU	DESCRIPTION
MA601	MA601	Medical-grade body composition analyzer

MANUFACTURER	WARRANTY	SHIPPING	PAYMENT
Charder Electronic Co., Ltd.	12 months	Free within the U.S.	Card, purchase order, tax-exempt

FOR CLINICS, HOSPITALS AND INSTITUTIONS

See the MA601 in your practice

Volume pricing, purchase orders and tax-exempt orders welcome — one point of contact from quote to delivery.

+1 (786) 984-2994 · sales@md-globalhealth.com · md-globalhealth.com

SCAN TO ORDER

MD Global Health LLC · Miami, Florida · Authorized distributor of Charder Medical in the United States. Charder is a trademark of Charder Electronic Co., Ltd. Specifications are provided by the manufacturer and may change without notice. Body composition values are estimates from bioelectrical impedance analysis and should be interpreted within a complete clinical assessment; they are not a diagnosis on their own.

Rev. 11/2026