Global Health

AUTHORIZED CHARDER DISTRIBUTOR · USA

ADVANCED MEDICAL-GRADE ANALYZER

The most complete view of body composition — in under 45 seconds.

Charder MA801 Advanced Medical-Grade Body Composition Analyzer

Five frequencies, BIVA and segmental phase angle for hospitals, research and high-performance programs.

ADVANCED MEDICAL GRADE



5
frequencies · 5–250 kHz

25
impedance readings

10.1"
touchscreen + voice assistant

Why hospitals and researchers choose the MA801

Cellular health at a glance
BIVA plus whole-body and segmental phase angle, compared against age and gender percentiles.

Fluid status you can act on
Edema index (ECW/TBW), body cell mass, protein and mineral estimates.

Four-muscle core analysis
Psoas major, erector spinae, quadratus lumborum and abdominals at L4–L5.

Reproducible across evaluators
Voice assistant guides every test, reducing operator bias. 100,000 results stored.

Phase angle and BIVA: early signals of cellular health.
Lower phase angle and shifts in the impedance vector are linked to malnutrition, frailty and fluid imbalance — the MA801 tracks them alongside body composition.

HOW IT WORKS

1. **Enter the patient** — Touchscreen, PC software or barcode scanner.
2. **Voice-guided test** — 25 impedance readings in under 45 seconds.
3. **Choose the sheet** — Advanced Medical, Standard, Advanced Fitness or Child.

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

IDEAL FOR — Hospitals · Research · Sarcopenia & frailty · Fluid management · Sports medicine · Obesity care

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

Four result sheets for clinical and research use

What it measures

- Weight & BMI
- ECW · ICW · TBW
- Edema index (ECW/TBW)
- Protein & mineral
- Body cell mass
- % body fat & segmental fat
- Visceral fat area
- Skeletal muscle mass
- Segmental lean mass
- FFMI · SMI · ASMI
- Estimated grip strength
- BIVA
- Phase angle & segmental phase angle
- Body fat percentiles
- Core muscles (4) at L4–L5
- Health score
- BMR



Specifications

Method	Segmental multi-frequency BIA
Electrodes / frequencies	8 / 5 (5, 20, 50, 100, 250 kHz)
Impedance readings	25 (5 frequencies × 5 segments)
Impedance accuracy / range	±3% / 100–950 Ω
Measurement time	Less than 45 seconds
Age range	6 to 85 years
Capacity / graduation	660 lb (300 kg) / 0.2 lb (0.1 kg)
Display	10.1" color touchscreen, 1280 × 800, voice assistant
Result sheets	Advanced Medical, Standard Medical, Advanced Fitness, Child
Connectivity	Wi-Fi, Ethernet, USB × 3, RS232C, Bluetooth
Storage	100,000 results
Dimensions / weight	34.4 × 18.2 × 47.4 in (875 × 463 × 1205 mm) · approx. 68 lb (31 kg)
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 and RS232 export

Result sheets

- **Advanced Medical** — obesity, risk, frailty
- **Standard Medical** — general use
- **Advanced Fitness** — four core muscles
- **Child** — pediatric growth

Ordering information

MODEL	SKU	DESCRIPTION
MA801	MA801	Advanced 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

Talk to us about the MA801

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

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