Global Health

AUTHORIZED CHARDER DISTRIBUTOR · USA

WIRELESS HAND DYNAMOMETER · BLUETOOTH

Objective grip strength, synced to your phone.

Charder MG4800 Wireless Hand Dynamometer

Three interchangeable springs, three measurement modes and Bluetooth transfer to the free Charder Connect app for iOS and Android — powered by a rechargeable battery.

REHAB · NUTRITION · GERIATRICS



80 kg
capacity · 0.1 kg graduation

3
modes: Max, Average, Count

2.5 h
full charge · USB-C

Why clinicians choose the MG4800

Results straight to Charder Connect
Send every grip by Bluetooth to the free app for iOS and Android — stored by patient, trended over time, exported to CSV.

Right resistance for every patient
Red 20 kg, green 40 kg and blue 80 kg springs swap in under a minute; a 130 kg spring is optional.

Evaluate and train
Max records peak force, Average compares right and left hands, Count tallies reps above a target force.

Rechargeable — no coin cells
Built-in lithium battery charges fully in about 2.5 hours via USB-C, with a multicolor charge indicator.

Grip strength is a key screening criterion for sarcopenia.
International consensus (EWGSOP2) uses low grip strength as the first indicator of probable sarcopenia — measure it objectively and keep the trend in the app.

HOW IT WORKS

1. **Pair the app** — Open Charder Connect and connect the MG4800 by Bluetooth.
2. **Choose spring and mode** — 20, 40 or 80 kg; Max, Average or Count.
3. **Squeeze and sync** — The result shows on the display and in the app.

WHY TRUST IT — FDA registered & listed · Charder ISO 13485 quality system · 12-month warranty on every unit

IDEAL FOR — Physical therapy · Occupational therapy · Clinical nutrition · Geriatrics · Sports medicine · Sarcopenia screening

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

Grip strength assessment, connected

Measurement modes

- Max — peak grip force
- Average — right & left hand
- Count — repetitions above target

Specifications

Type	Wireless digital hand dynamometer
Capacity	80 kg (blue) · 40 kg (green) · 20 kg (red) · 130 kg optional
Graduation	0.1 kg (0.2 lb)
Units	kg or lb
Modes	Max, Average, Count
Grip span	64 mm (2.5 in)
Data transfer	Bluetooth to the Charder Connect app (iOS & Android) · USB
Power	Rechargeable lithium battery (RCR-123A) · full charge in approx. 2.5 h
Dimensions / weight	8.3 × 2.2 × 4.3 in (212 × 55 × 110 mm) · 0.73 lb (0.33 kg)
Regulatory	FDA registered & listed
Warranty	12 months



In the box

- Charder MG4800 dynamometer
- 3 springs: 20, 40 and 80 kg
- USB-C cable and USB charger
- Carrying case

Charder Connect app

- Free on the App Store and Google Play
- Receives each grip by Bluetooth
- Results stored by patient
- Trend graphs and CSV export

Spring guide

- **20 kg** — post-injury recovery
- **40 kg** — moderate resistance
- **80 kg** — standard clinical use

Ordering information

MODEL	SKU	DESCRIPTION
MG4800	MG4800	Wireless hand dynamometer with 3 springs, charger and case

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

Add connected grip strength to your assessments

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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