

1080motion™

SPRINT 2

THE MOST CAPABLE AND COMPACT SPRINT YET



red^{dot} winner 2024

OVERVIEW



1080 Sprint 2 is the ground-breaking device used for horizontal resisted or assisted training and testing up to 180 m (197 yds) for e.g., sprinting, skiing, swimming, skating as well as Change-of-Direction movements. It allows for speeds up to 14 m/s (31 mph), resisted running up to 40 kg (88 lbs.) and isokinetic resistance loads up to 70 kg (154 lbs.) Self-contained and portable with a built-in touch screen, connects to Control App for data storage and analysis. With accessories, it functions as a cable machine for repetition-type exercises such as squats, lifts, rotations, pushes, and pulls for light strength training, rehab, and testing.



7" TOUCH SCREEN

**REAL-TIME DISPLAY OF TIME,
DISTANCE, SPEED, FORCE, POWER**

**PADDED CARRYING
HANDLE**

**UP TO 180 M/196 YD
LINE**

**<10 SECOND
START-UP TIME**

**PORTABLE WITH SOLID
RUBBER WHEELS**

**GEAR 2 ANCHOR FOR
HEAVY RESISTANCE**

**RECHARGEABLE
99 WH BATTERY**



DUST & WEATHER PROTECTED



BUILT-IN SPEAKER



SMART SELF-GUIDED FEATURES FOR EASE OF USE



WIFI CONNECTED FOR DATA TRANSFER & SOFTWARE UPDATES

- Ranges from 75-180 m (82-196 yds) – Standard 120 m (131 yds)
- Continuous load up to 20 kg (44 lbs) in Gear 1 with movements up to 14 m/s (31 mph)
- Continuous load up to 40 kg (88 lbs) in Gear 2 with movements up to 7 m/s (15.5 mph)
- Variable load mode where the load is determined by line speed
- Maximum resistance < 3 seconds up to 70 kg (154 lbs) in Gear 2
- Maximum speed of 14 m/s, 50 km/h, 31 mph
- Maximum power output of 1500 W
- Weight without attachments: 25 kg (55 lbs)
- Dimensions (LxWxH): 274x304x304 mm (11x12x12 in)
- 200 Hz data sampling rate
- Built-in 40 W speaker
- Wi-fi connected with a unique IP address
- 7-inch adjustable touchscreen
- 41.4 V, 160 W Universal charger with 2m/6 ft cord length
- USB-C port interface



BATTERY POWERED

Take the 1080 Sprint 2 to the gym, track, pitch, weight room, and rink with on-demand power. The 99 Wh battery recharges with resisted movements extending battery life.

This removable battery is a type LFP (lithium iron phosphate) and has a longer life span than standard lithium-ion (NMC, NCA) and meets FAA requirements for air travel meeting the requirement of <100 Wh*.

**Please always check with national and local airline authorities prior to travel with battery as policies and procedures may be different than stated and subject to change.*





1080
SPRINT

QUICK START

Sprint 2 comes preloaded with Machine App offering a set of quick start apps to get you going.

A redesigned user interface allows fast setup and smart automatic timing that precisely measures time and distance when the athlete moves from a set position.

Assisted Sprint



Like a perfect tail wind, the 1080 Sprint allows for neuromuscular adaptation to high speeds in a fully controlled environment.

1080 Sprint will pull an athlete towards the system, making it possible to determine and apply the most beneficial assist or over-speed formula to each individual athlete.

Resisted Sprint



Resisted Sprint is a game-changer in training. It adds targeted resistance to every stride, boosting strength, speed, and endurance. With customizable settings, athletes can tailor resistance levels for optimal performance. Unleash your full potential with Resisted Sprint on the 1080 Sprint.

Change of Direction



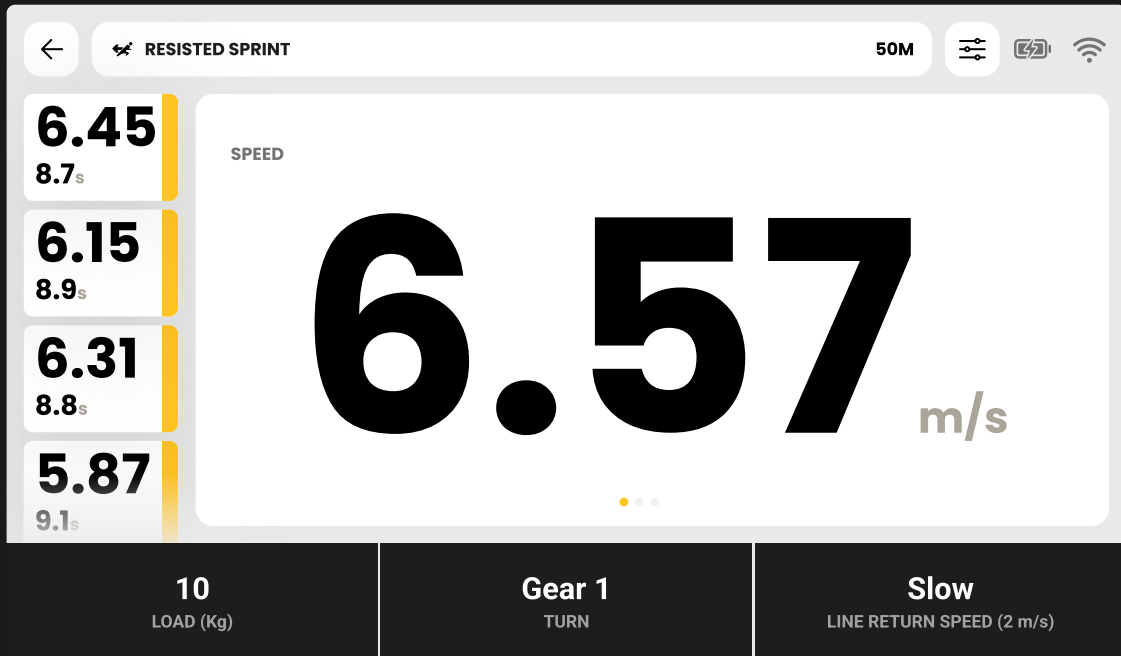
Perfect for sports requiring agility and quick reflexes, such as basketball, soccer, or tennis, Change of Direction mode enhances footwork, reaction time, and spatial awareness. Tailor the workout to your specific needs and skill level. Elevate your agility training to new heights.

Reps

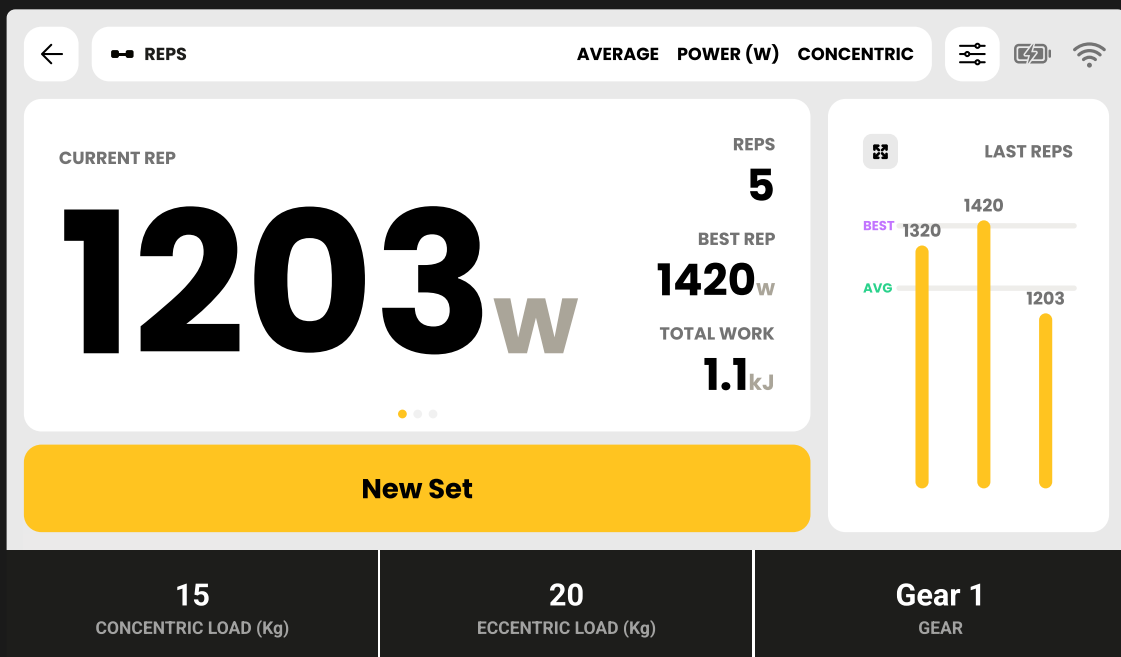


Reps on the 1080 Sprint is a dynamic addition to strength training. With shorter, repetitive movements, it maximizes muscle engagement and endurance. Perform classic body strength exercises like squats and lunges. Adjustable resistance and up to 200% eccentric overload ensure optimal progression.

- Built-in screen displays total time, distance, and speed of resisted and assisted sprints.
- Measures in real-time with high-resolution data.



- Large buttons are responsive to touch with brightness engineered for observation outdoors in sunny conditions.



Please note that the user interface (UI) displayed in this brochure may be subject to change. We are constantly refining and improving our app to provide the best user experience possible.

Get Control App for Windows and expand the capabilities of Sprint 2.

Control App enables powerful data analysis tools to save and view your training data.

- Automatically saves your data in the cloud
- Connect to your Sprint 2 via Wifi
- Live remote control tethering
- Train multiple athletes at the same time using Group Training
- Track progress over an extended period
- Access to your data in the browser using 1080 Web App



ISOKINETIC

Test up to 70 kg / 154 lbs (Gear 2) concentric resistance at a set speed. Peak and average force output displayed with the ability to compare right and left symmetry.

ECCENTRIC OVERLOAD

Eccentric leg strength dictates the athlete's ability to decelerate quickly. An essential component to performance and resilience to injury. The ability to set the eccentric load up to 3 times the concentric load allows specific targeting of deceleration in a CoD task and eccentric strength of any repetition-type movement.

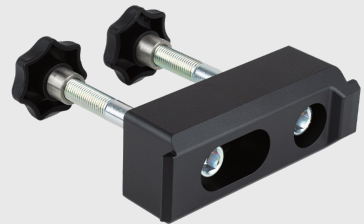
Check out our first-party accessories made for Sprint 2



Travel Case



Wall Mount



Rack Mount



Telescopic Handle



Pulley



Traction Spikes



Multiple Cord Lengths



COD Belt



Heavy Duty Belt

Only use belts, straps, and other accessories suitable for the selected load and exercise.



GET IN TOUCH

1080motion™

Get in touch with us and learn more about Sprint 2

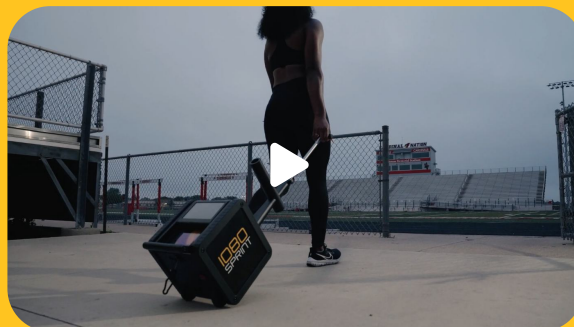
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1080 SPRINT 2 PRODUCT FEATURES

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