

SPRINT 2

The 1080 Sprint is an advanced system for resisted and assisted sprint training that improves acceleration, top speed, and change of direction. It uses precise motor control to apply resistance or assistance over short or long distances. Every run captures real-time data on force, power, and velocity for clear, measurable feedback. Coaches can program resisted sprints, overspeed runs, and sport-specific drills with accuracy. It supports both performance development and return-to-play testing. The portable design works on tracks, turf, or indoor spaces without large equipment. This makes speed training efficient, progressive, and easy to measure.

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

PEDAL CARRYING
HANDLE

START IN THE
10 SECOND

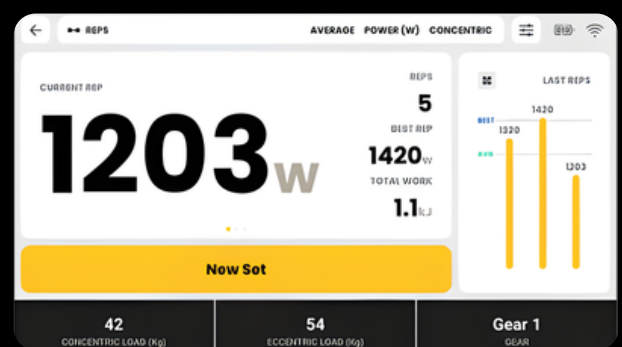
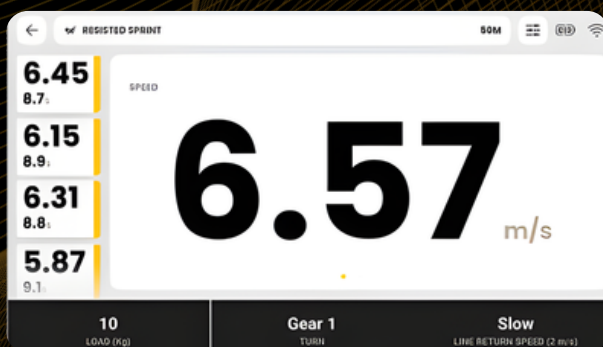
GEAR 2 ANCHOR FOR
HEAVY RESISTANCE

7" TOUCH SCREEN &
WIFI CONNECTED

RECHARGEABLE
99 WH BATTERY

DUST & WEATHER
PROTECTED SMART

UP TO 180m LINE



- Built-in screen display total time distance & speed of the resisted & assisted sprints. Measures research grade data in real-time with high-resolution
- The Sprint 2 includes a waist belt, sprint harness, ankle cuffs, hand grips, pulleys, anchor straps, & towing attachments for resisted & assisted training

Technical Specifications



Cable Range

75–180 m (82–196 yds),
standard 120 m (131 yds)



Gear 1 Load

Up to 20 kg (44 lbs), max
speed 14 m/s



Gear 2 Load

Up to 40 kg (88 lbs), max
speed 7 m/s



Variable Load Mode

Load determined
dynamically by line speed



Maximum Resistance

Up to 70 kg (154 lbs), < 3
seconds in Gear 2



Maximum Speed

14 m/s, 50 km/h, 31 mph



Maximum Power Output

2200 W



Weight

25 kg (55 lbs) without
attachments



Dimensions (L× W×H)

274 × 304 × 304 mm (11 ×
12 × 12 in)



Data Sampling Rate

200 Hz



Built-in Speaker

40 W



Connectivity

Wi-Fi



Touchscreen

7-inch adjustable, 1300
lumen



Power

99 Wh battery, 41.4 V, 160
W charger



Port Interface

USB-C



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