5A Tester



wirelessvalue

- Location, project number and field system type can be added directly to test measurements
- User-friendly wireless operation, no cables or laptops needed
- Sensors can be calibrated on request
- Includes a charger; a car charger is optional
- Easy to use, with test results available immediately
- Compact and easy to transport

5A Tester





Description

5A tester

The Wireless Value 5A tester combines the AAA tester and the AA tester. By combining these two devices, you have the right device for every standard and every sports surface straight away. Switching from AA to AAA (or vice versa) is very simple by swapping the impact section.

The Wireless Value AAA meter complies with the CEN-TS 16717 and FIFA 2015 and 2024 test methods. Our wireless AAA devices combine ease of use with reliability and accuracy. Once you've installed the app, you'll have various options, including:

- Choice between FIFA 2015 and 2024 or CEN-TS 16717
- Choice between laboratory testing or field testing
- Reading of relevant values (shock absorption, vertical deformation and energy return)
- Drop height (calculated automatically)
- Automatic generation of Excel reports
- Forwarding these reports to any cloud or email provider

The AA meter from Wireless Value is the perfect device for testing and measuring athletics tracks and (indoor) sports surfaces. Used worldwide for certifying sports surfaces, the AA meter provides you with all the data you need to test existing tracks and floors, or to develop new surfaces in accordance with the EN 14808, EN 14809, EN 14904, EN 15330, FIFA 04 and World Rugby standards. Easy to use, reliable and highly accurate. Our wireless AA devices combine ease of use with reliability and accuracy. Once you've installed the app, you'll have various options, including:

- Choice of shock absorption or vertical deformation
- Choice between laboratory test or field test
- Calibration tool for the load cell
- Calibration tool for the displacement sensors
- Reading of relevant values
- Drop height (calculated automatically)
- Automatic generation of Excel reports
- Forwarding reports to any cloud or email provider

5A Tester

Specifications

General

Charger type	12V
Battery type	NCR1865OB
Cover material	POM
Guide rod material	Stainless steel
Feet material	Steel
Drop weight material	Stainless steel

Sports & Play

EN 14808	yes
EN 14809	yes
DIN 18032	yes
CEN-TS 16717	yes
DETERMINATION OF SHOCK ABSORPTION (FIFA TEST METHOD 2024-03)	yes
DETERMINATION OF PEAK DEFORMATION (FIFA TEST METHOD 2024-04)	yes
DETERMINATION OF ENERGY RETURN (FIFA TEST METHOD 2024-05)	yes
EN 14904	yes
EN 15330	yes
DIN 18032-2	yes
ASTM F2157-02	yes

Legislation and standards

CE	yes

Technical specifications

Battery voltage	3.7
Battery capacity	3400mAh
Battery protection	PTC
Spring characteristic	1 spring with three coaxial coils and 1 spring with one coaxial coil, rigidly fixed together at their ends
Spring constant	40N/mm and 2000 N/mm
File format	CSV

Load cell (AA)	HBK C2 10kN
Displacement sensor (AA)	HBK WA/50MM-T LVDT
Charging current	1.625mA
Charging voltage	12V

Dimensions

Flight case dimensions	Trolley 1: 900mm x 440mm x 310mm. Trolley 2: 850mm x 590mm x 310mm. Trolley 3: 801mm x 521mm x 399mm
Weight	Total 45 kg. Dropping mass 20 kg +/- 0.1%. Spring mass 0.80 ± 0.05 kg