AAA meter (Advanced Artificial Athlete)



- Complies with the FIFA 2015, FIFA 2024 and CEN-TS 16717 test methods
- Easy to use, test results displayed directly
- Tests sports surfaces, for example for football, hockey, rugby and basketball
- Compact and easy to transport
- Made with the latest technology

AAA meter (Advanced Artificial Athlete)

AAA





Description

AAA device of the highest quality

The advanced technology of our reliable AAA device takes sports surface testing to the next level. No wonder it's used worldwide for testing and certifying sports fields! Even while developing a new product (such as shock pads or artificial turf for sports fields), you can test whether your product will meet FIFA requirements or other standards. The Wireless Value AAA meter complies with the FIFA 2015, FIFA 2024 and CEN-TS 16717 test methods. Our wireless AAA devices combine ease of use with reliability and accuracy. After installing the app, you have several options, including:

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

All the data that matter to you, such as location, project number and field system type, can be added directly to the test measurements. The AAA meter can be controlled using a smartphone, so a single person can carry out a complete AAA field test. The device can be disassembled into four parts and can be fitted with two flight cases for air transport as check-in luggage. For use in the field, we can optionally supply a convenient trolley for transporting the AAA device.

Important features of the Wireless Value AAA meter

- User-friendly wireless operation, no messing with cables, laptops, etc.
- Android device running BlueImpact software is included in the package
- Sensors can be calibrated in compliance with EN 17025 on request
- Charger included, car charger optional

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AAA

Specifications

General

Charger type	12 V
Battery type	18650
Accelerometer type	MEMS, 8mA
Guide rod material	Stainless steel
Feet material	Aluminium
Drop weight material	Stainless steel

Sports & Play

CEN-TS 16717	yes
DETERMINATION OF PEAK DEFORMATION (FIFA TEST METHOD 2024-04)	yes
DETERMINATION OF ENERGY RETURN (FIFA TEST METHOD 2024-05)	yes
DETERMINATION OF CRITICAL FALL HEIGHT (EN 17435 METHOD A)	yes

Legislation and standards

CE	yes

Technical specifications

Battery voltage	3.7
Battery capacity	3400mAh
Battery protection	PTC
Spring characteristic	Spring with three coaxial coils rigidly fixed together at their ends
Spring constant	2000N/mm
Data collection	via app (Android and iOS)
Charging voltage (adapter)	12V

Dimensions

Flight case dimensions	Trolley 1: 780mm x 440mm x 310mm. Trolley 2: 610mm x 590mm x 310mm
Weight	40 kg