Movetrics

Press fact sheet
November 2026

Movetrics makes portable 3D force plates. They measure the forces under each foot in all three directions and the moments, stand 30 mm high on any flat, rigid floor and need no pit in the floor.

30 mm
plate height: no pit, no drilling

2,000
samples per second with one or two plates

€9,990
F1-3D S Dual with the FDT and software

2012
Nur Engineering GmbH founded

F1-3D
The universal 3D force plate

- 600 × 350 × 30 mm, 20 kg, 8 mm steel top
- All six components: Fx, Fy, Fz, Mx, My, Mz
- F1-3D Dual: two plates, the FDT, cables and software, €14,990

F1-3D S
The compact 3D force plate

- 400 × 280 × 30 mm, 10 kg
- Five components as standard, six on request
- Two plates join into one 40 × 56 cm platform
- F1-3D S Dual with the FDT and software, €9,990

FDT
Force Data Terminal

- Multiple plates on one clock
- USB-C to a computer, Bluetooth LE to a phone or tablet
- 16 analog outputs, Sync In and Sync Out
- 27 × 21 × 14 cm, 1.75 kg, rechargeable battery

Software

- **Movetrics Studio**: Windows: guided tests, live display, reports, raw export
- **Movetrics app**: iPhone, iPad, Mac and Android: live forces, tests, video
- **Movetrics Cloud**: in the browser; connects to AI assistants such as Claude through MCP
- **Movetrics Gait**: four F1-3D S under a treadmill: walking, step by step
- **Movetrics Play**: games on force plates for Windows 11

Open by design

- Raw data in CSV and C3D; measuring, core calculations and raw export never need a subscription
- Documented protocol; open SDK under Apache-2.0 for Python, TypeScript, MATLAB and Octave: developers.movetrics.com
- Every result names the method and version that calculated it

Company

- Nur Engineering GmbH, Am Buchenbusch 63, 47229 Duisburg, Germany
- Dr.-Ing. Saad Jabir, founder and CTO: sensor engineer for more than 30 years
- Marius Schober, co-founder, business and partnerships
- Invented, designed, built and assembled in Germany. CE marked as electronic measuring equipment
- Support in English, German, Italian and Arabic

MEDICA 2026

Hall 4, Stand B31, Düsseldorf, 16 to 19 November. Personal test in about five minutes, with a printed report.

Press contact

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Photos, logos and this sheet: movetrics.com/press

Prices for businesses, excl. VAT and delivery. Specifications may change; product sheets at movetrics.com/specs.

Intended use. Movetrics systems measure forces and moments, calculate metrics and display them, for sport, research, education, and practitioner-led training and rehabilitation. They are not medical devices. They do not diagnose, treat, monitor or predict any disease or condition, and their results do not replace professional judgement.