

# F-Speed Reader

## DESCRIPTION

Compliance test your floor surfaces to ASTM E 1155 to produce accurate F numbers ( $F_r$  and  $F_l$ ) at incredible speed.

With our F-Speed Reader you also get to compliance test your floor flatness to TR34 FM (Free Movement) specifications Property II (3<sup>rd</sup> edition) or Property F (4<sup>th</sup> edition). Forget the old-fashioned manual methods which can be slow, laborious and error prone.

Simplicity, speed and accuracy are key attributes of our digital measuring kit. To survey, simply run the F-Speed Reader along the floor whilst data is collected to your handheld Android device over Bluetooth.



Precision is guaranteed by the sub-millimetre accuracy of the laser sensor and our inclinometer capable of measuring down to thousandths of a degree.

Perform as many survey runs as needed. Once complete, transfer the data from your handheld to a PC or laptop for analysis by CoGri Report Studio. This can be performed in the field or emailed back to the office.

At the touch of a button the data is analysed, F number reports produced and TR34 percent error per survey line calculated and graphed. These are then ready to print or e-mail as a PDF.

## TECHNICAL SPECIFICATIONS

- Robust industrial construction with sturdy aluminium frame.
- Powered by a NiMH 12v 4.5Ah rechargeable battery. High capacity yet safe for shipping and transportation.
- Shipped weight: 16.6Kg
- Case dimensions: 97cm x 41cm x 16cm

## SOFTWARE

We supply our bespoke software to run on your own commodity hardware.

- **CoGri CE Mobile for Android™** (6 or later).  
Connects via Bluetooth to our digital kit to provide the user interface and data capture capabilities.
- **CoGri Report Studio for Windows®** (7 or later).  
Analyse and report on your data, either in the field or back at the office.

No need for cloud computing, internet or similar to hinder surveying in those out of the way locations. Your data on your kit – keeping you in control.

## THE KIT COMPRISES

- F-Speed Reader main body
- Motor drive assembly and cable
- Stabilizing bar and wheel
- Robust carry case
- Mains charger
- 2x 15mm spanners for assembly
- 2.5mm hex key for access to battery
- Steering lead
- 4mm shim for test and calibration
- USB drive with software and manual
- Calibration Certificate

## PRICE & DELIVERY

Email [sales@cogri-engineering.com](mailto:sales@cogri-engineering.com) for a quote. This, and other equipment, is available direct from CoGri Engineering or one of our agents worldwide (details on our website).

Delivery EXW (Ex Works) or FCA (Incoterms 2010) from our UK head office where we design and manufacture our digital products.

One year return-to-base warranty, extended to two years (excluding battery) if kit is serviced at 12 months. Telephone and email support included within the warranty.

Includes one training session at our UK head office for up to two people. On-site training available as an additional cost option.

*Errors and omissions excepted. Specifications subject to change without notice.*