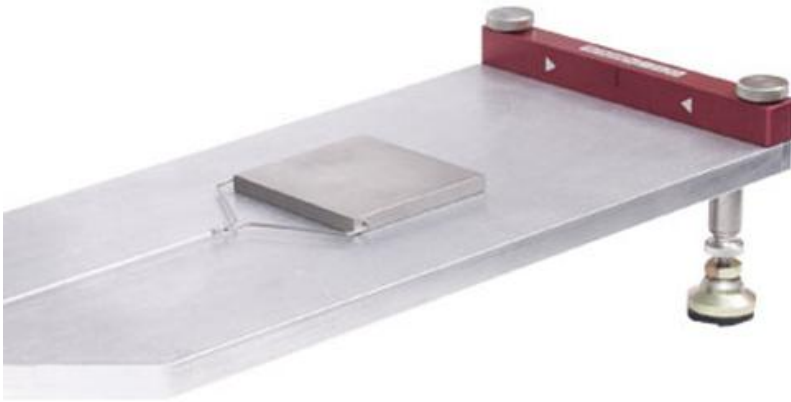




Mark-10 G1086 ASTM D1894 Coefficient of Friction Fixture

The G1086 COF fixture is an integral part of a COF measurement system, typically including a motorized test stand and COF gauge. The G1086 can be used for a wide range of materials, ideal for conformance to ASTM D1894 and other relevant standards. Static and kinetic coefficients can be measured using the M5-2-COF gauge.



MARK-10®

Manufacture: Mark 10

SKU: **G1086**

Weight: 17.00 lb

**Free Ground Shipping within
the 48 continental US States**

Please Call (800)832-0055

Features

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The fixture includes a large work table with sample clamp, level, 200 g sled, cable, and low-friction pulley. The fixture is directly compatible with the M5-2-COF gauge, ESM303 test stand, and ESM301 motorized test stand.

FEATURES & SPECIFICATIONS

- Table surface material: 6061 T6 aluminum
- Sled material: 303 SS
- Maximum sled travel: 10.5 in (265 mm)
- Mounts directly to the ESM303 and ESM301 motorized test stand

Specifications

Accessories

Optional Accessories



Mark 10 M5-2-COF Coefficient Of Friction Gauge - 2lbF Capacity

The M5-2-COF coefficient of friction (COF) gauge is an integral part of a COF testing system, typically including a motorized test stand and COF fixture. With a capacity of 2 lbF [10 N], the gauge can be used to measure friction for a wide range of materials, ideal for conformance to ASTM D1894 and other relevant standards. Static and kinetic coefficients are displayed on the backlit LCD, and are calculated from a user-programmable sled weight.

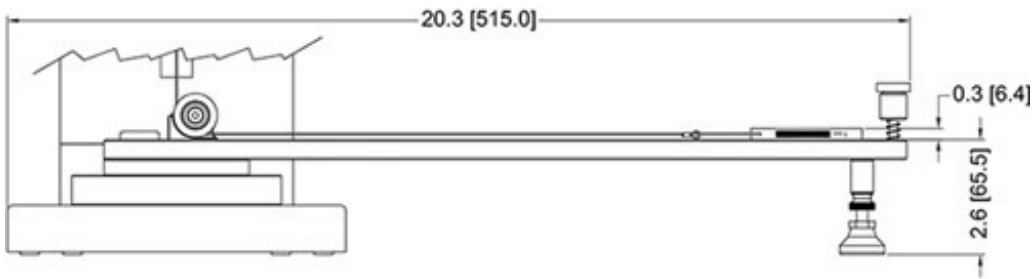
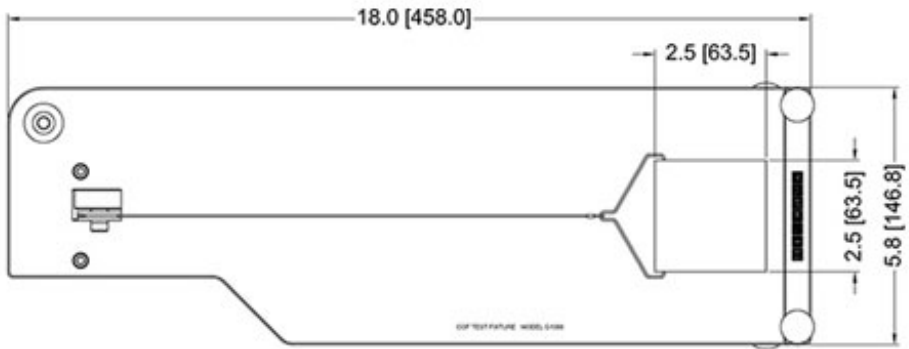
Data can be transferred to a PC or data collectors via USB, RS-232, Mitutoyo (Digimatic), or analog outputs. On-board memory for up to 1,000 readings is included, as are statistical calculations with output to a PC. Integrated set points with indicators and outputs are ideal for pass-fail testing and for triggering external devices such as an alarm, relay, or test stand. Configurable password protects against unauthorized changes to settings.

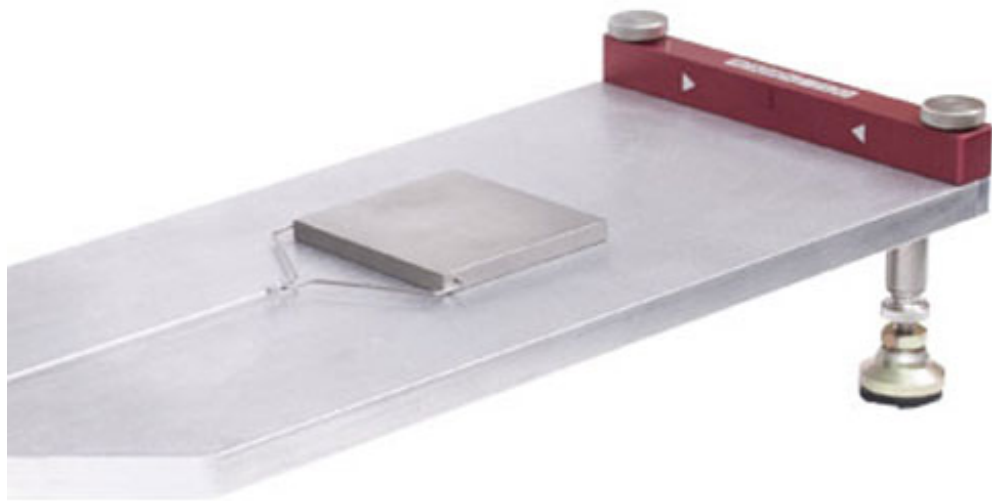
The M5-2-COF may also be used for a number of common tension and compression testing applications. The gauge is based on Mark-10s Series 5 advanced digital force gauges, and includes the series full set of functions and settings. The M5-2-COF includes MESUR™ Lite data acquisition software. MESUR™ Lite tabulates continuous or single point data. Data saved in the gauges memory can also be downloaded in bulk. One-click export to Excel easily allows for further data manipulation.

FEATURES

- Calculates static and kinetic coefficients of friction
- Configurable sled weight (100 - 1000 g)
- USB, RS-232, Mitutoyo, and analog outputs
- 1,000-point data memory with statistics and outputs
- Programmable set points, with indicators and outputs
- Live load bar graph with set point markers
- Configurable audio alarms and key tones
- Password protection, configurable for individual keys and calibration
- Fixture + Gauge Kit is available

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