

Product Information

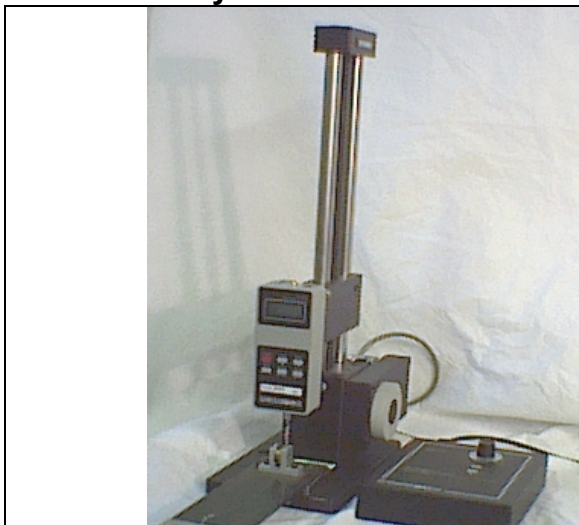
Revised: 6/28/2011

Coefficient Of Friction Test Systems

S.A. Meier Co. of Milwaukee, Inc offers specifically configured Coefficient Of Friction (COF) test systems. All systems are complete and display the end result in COF units. In addition we provide full calibration and repair service for these systems. All systems are designed to meet COF test methods ASTM D1894, TAPPI T549, and ISO 8294 and many others.

Basic COF test systems use a specifically designed gage to acquire the Static and Kinetic Coefficient Of Friction measurements. These systems include an RS-232 connection for easy transmittal of COF values. The removable gage allows it to be sent out for calibration with out the need for onsite calibration.

Basic COF Systems



Model SAMCOF 1

- Adjustable Speed
- Vertical gage orientation
- 200 gram sled
- Programmable averaging period
- Displays Static and Kinetic COF
- RS-232 output
- Removable gage for easy calibration
- +0.3% accuracy

Basic COF Systems



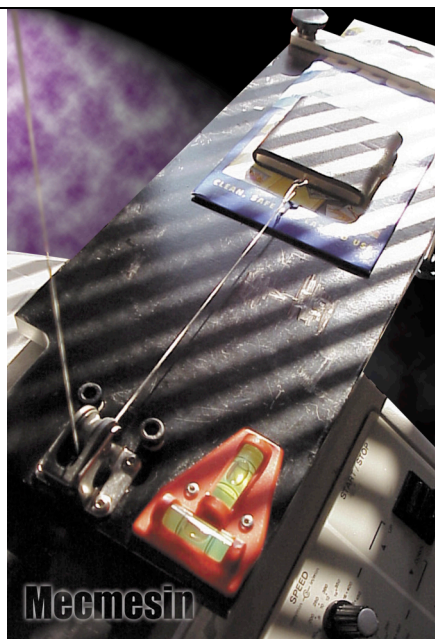
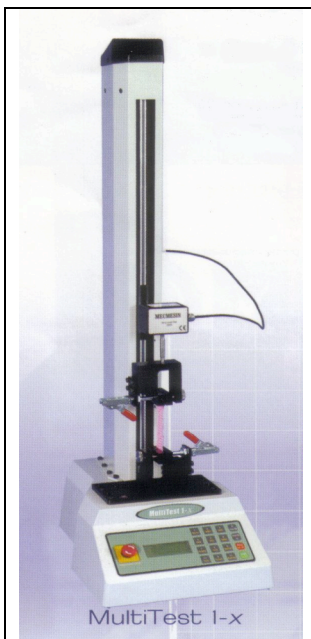
Model SAMCOF 2

- Adjustable Speed
- User assigned password lock out of controller
- Horizontal gage orientation
- Gage can be mounted on moveable arm (shown) or on stationary base
- 200 gram sled
- Programmable averaging period
- Displays Static and Kinetic COF
- RS-232 output
- Removable gage for easy calibration
- +0.3% accuracy
- Test frame can be used for tensile and compression testing

Product Information

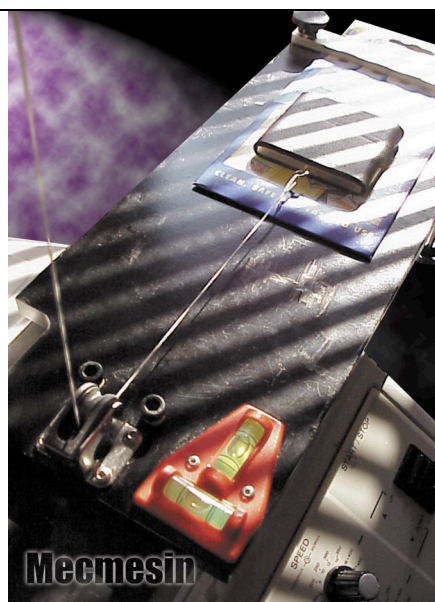
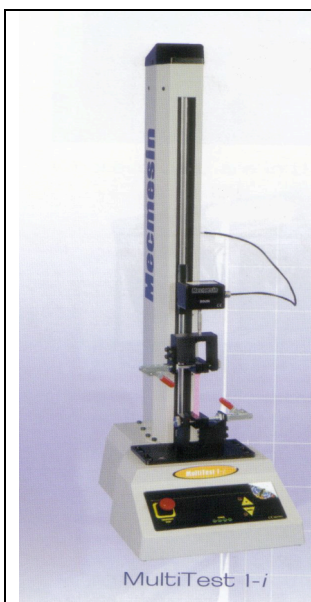
Intermediate COF Systems

Intermediate COF test systems use a load cell installed on the test frame arm to acquire the Static and Kinetic Coefficient Of Friction measurements. A program included with the test system is written to one of 30 program storage locations, making this system easily expanded to run up to 29 additional tensile and/or compression tests. The console has the option of turning on a password, allowing test parameters to be changed only by authorized individuals. This system includes a RS-232 connection for easy transmittal of COF values to a computer or data collector and can be configured to send data at the conclusion of the test automatically. The removable load cell can be sent out for calibration, although onsite is recommended.



Model SAMCOF 3

- Adjustable speed
- Displays Static and Kinetic COF
- User assigned password lock out of programs in console
- Store unlimited number of programs and results
- RS-232 port with auto send at test end feature
- 200 gram sled and bed
- Installed load cell for high accuracy
- Test frame can be used for tensile and compression testing




Model SAMCOF 4

- Adjustable speed
- Displays Static and Kinetic COF
- User assigned password lock out of programs
- Controlled by computer (not included)
- Software included with 1 COF program
- Easy programming, data storage, graphing, and playback
- 200 gram sled
- Installed load cell for high accuracy
- Test frame can be used for tensile and compression testing

Product Information

High Capability COF Systems

High Capability COF test systems use a load cell installed on the test frame arm to acquire Static and Kinetic Coefficient Of Friction measurements. Computer programs graph the test as well as store Static and Kinetic results in a table. The number of tests stored is only limited by your computers storage capacity. The programs have the option of assigning a password allowing test parameters to be changed only by authorized individuals. The software is easily configured to run tensile and compression tests with the same test frames. Calibration of the load cell integrated with the test frame insures accurate and precise test results.

	<p style="text-align: center;">Model FT Plus</p> <ul style="list-style-type: none">• Adjustable speed• Displays Static and Kinetic COF• User assigned password lock out of programs• Up to 10 user configurable tests stored in stand system• Store up to 600 test results in stand alone system• RS-232 interfaces with Nexygen Plus software providing unlimited programming capability, data storage, graphing, and video capture• Audit trail capability• 200 gram sled• Installed load cell for high accuracy• Test frame can be used for tensile and compression testing
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