

HANDHELD PORTABLE FRICTION TESTER

Heidon 94Ai Tribometer



SCIENCE OF SENSING



Tomorrow's Testing, Today !
1-800-438-5388

Handheld Portable Friction Tester

The World's First Handheld Static Friction Tester!

This simple-to-use device allows the user to conduct accurate field testing of static friction on a variety of substances. The coefficient of static friction (μ_s) can be determined in less than 10 seconds on most stable surfaces. Conventional incline methods and manual strain gauges are now **obsolete!**

The ability to test in almost any situation opens new doors to product and process assessment. R&D personnel can easily analyze coating formulations on the finished products, not just on test panels. Manufacturing personnel can measure products on the production line, improving quality assessment and production throughput. Manufacturers that previously could not test certain products (liquids, films, fabrics, glass, plastics, cosmetics, floor coverings, papers, fibers, and foods) can now get their answers with the H94 ••• accurately, reliably, quickly, and simply!

Simple Operation

1. Place the Tribometer on the surface to be tested.
2. Press the measure key. The voice coil motor increases the force exerted on a fixed slider until it begins to move. An integrated microprocessor measures the force vectors and calculates the coefficient.
3. Averages can be automatically obtained from the unit to reduce operator judgment on heterogeneous surfaces.
4. Tests are easily repeatable ••• just push the measure key and see your result in five seconds!

Additional Surface Testing Devices

We offer a complete line of **testing machines** for surface assessment. We have desk-top units to determine static and dynamic friction, fluctuations in frictional resistance due to abrasion, evaluation of film adhesion, surface scratch hardness, surface stickiness, tensile strength, and peeling resistance.

We can test hard and soft surfaces (**textiles, food, packaging, leathers, carpets, lubricants, etc.**) on both flat and curved surfaces. In addition, we have units to measure fluid mixing resistance as well as a complete line of **laboratory mixers**.

If you need to measure surface properties, wish to place an order, or, if you require additional guidance on model selection, please call toll-free!

Specifications

Model	94Ai
Measuring Range	0.000-1.500
Resolution	0.001
Sensor	Voice Coil Motor Photo Sensor
Display	Red LED
Power	4-AA (AC Optional)
Carrying Case	Y
Options	AC/RS232 Specialty Test Jigs
Operating Temp.	0-100F
Weight (Net/Ship)	.6/2 kg
Dimensions (WxDxH-mm)	165x62x58.5

Warranty

All Kett Property Testing Instruments are covered by a full 3-year **Total Care** manufacturer's warranty on parts and labor. Post-warranty maintenance agreements are also available. Please call for details.

Quality

We stand behind the durability and quality of our entire line of KETT Tribometers. The 94Ai offers a full **Three-Year Total Care** Manufacturer's warranty. We will repair the product or replace it for three years should it fail to perform to specifications during normal wear and tear.

Kett's dependable quality allows you to productively focus on improving your product's quality, not waste time calibrating and verifying our gauges.

When your quality is on the line, get on the line to KETT!

1-800-GET-KETT

1-800-438-5388

Tomorrow's Testing, Today!

Kett offers a complete line of innovative measurement devices — for laboratory, field, and commercial applications. If your company needs fast, accurate measurements, please call Kett!



PMB 504, 17853 Santiago Boulevard,
Ste. 107
Villa Park, CA 92861
714-974-8837 • 714-974-8877 (FAX)
1-800-438-5388
www.Kett.com

Sales, Support, Service