

Datasheet MILLI-SCRATCH-TESTER



In accordance with Standard JIS 3255. The scratch test method consists of scratching on the surface, with a diamond tip on which is applied a constant or progressive load. As the scratching is done, the sample moves under the video system, to examine the different kind of damage done by the tip and correlate it with the load applied. Pictures can be digitized and positioned precisely loading graphs. This standard method allows for comparison of different coatings, substrates, thickness of coating, preparations of surface and scratch resistance of bulk materials.

Application

Applicable for polymers, thin films, metals, optical coatings, paint and varnishes, eye glass lenses, touch screens, semiconductors, hard disc, protective coatings, decorative coatings and vacuum coating.

Material

Availability

	Value	Unit
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MILLI-SCRATCH-TESTER - Specifications

Physical properties

Mechanical properties

Thermal properties

Friction properties

Electrical properties
