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MMW-1 Universal Abrasion Tester

Product description:

MMW-1 Universal Abrasion Tester Application The tile abrasion testing machine can simulate rolling, sliding and rolling sliding combined movement under the certain contact pressure to complete point,



(http://www.hssdgroup.com/PRODUCT/Hardness_Tester/364.html)

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MMW-1 Universal Abrasion Tester

Application

The tile abrasion testing machine can simulate rolling, sliding and rolling & sliding combined movement under the certain contact pressure to complete point, line and plane simulating tests. It can be used to evaluate the friction and wear performance of lubricant, metal, plastics, coating, rubber, ceramics etc. It can not only content with the needs of traditional petrochemical industry to research, develop and inspect the various kinds of intermediate & high grade hydraulic oil, combustion engine oil and gear oil. Also it can be tested under dry condition, but also the needs of simulating evaluation to new material development and new technology research.

Standards

ASTM D-2266, D-3702, D-4172

Features

The tile abrasion testing machine adopts process control principle, and combines industrial control computer with the configuration software technology and internet technology; Apply incorporate structure design, integrate embedded industry computer, configuration software, acquisition module and executor as a whole to control the test process, all test operation can be completed at the main interface of the computer; It features flexible configuration control mode, multiple friction couplings, wide speed adjusting range, simulating high temperature circumstances, high automation and easy to use.

Specifications

NO.	Item	Specification
1	Load range	10~1000N(stepless)
2	Relative error of load indicating value	±1%
3	Friction torque measuring range	2.5N.m
4	Rotate speed range of spindle	1~2000r/min, linear velocity up to over 4 m/s.
5	Temperature control range	Room temperature~200°C
6	Time control range	10s~9999min
7	Computer & data processing range	Apply industrial control computer and configuration software to control the machine and test process, display different parameters in real time, record friction-time curve and temperature-time curve automatically. Control: load, time, temperature, test duration. Curves: Temperature-Time, Friction- torque and Time etc. Data can be printed by Excel.
8	Power	220V, 50Hz.
9	Dimension	900x760x1600mm
10	Weight	800kg

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