

LR-A013

Taber Abrasion Tester



Uses

This machine is used to do the test of wear-resistant in surface, leather, cloth, paint, paper, flooring, plywood, glass and natural rubber, concrete and ceramics. The method is using the standard knife cutting the specimen, and then using the regulated models of grinding wheel with loading weight to be abrased. Remove the specimen after rotation to reach a centain number, and then observe the condition of the specimen or compare the weight with the previous materials.

Test Standard: ASTM D4060/D4157/D1044, ISO 7784, JIS K5400/K7024, CNS 8540, BS EN 660-2,

DIN-53754、53799、53109、52347、TAPPI-T476、ASTM-D3884、D1175

Theory



The machine supports a pair of grinding wheels with a rotating sample and a specified load is applied to drive the grinding wheel while the sample is rotating so as to wear the sample.

Specifications

Specimen dimension	φ 110mm φ 6mm
Grinding wheel	φ2" (MAX .45mm) 1/2" (W)
Center space of wheel	63.5mm
Distance between wheel and test plate	37~38mm
Rotating speed	60 r.p.m adjustable
Load	250g, 500g, 750g, 1000g
Timer	LCD,0~999999
Distance between sample and dust	3mm
Dimension	45×32×31cm
Weight	20kg, Excluding dust collector
Power	1 ∮ ,AC220V,50HZ
Accessories	Imported grinding wheel 1 pair(H18)





Abrasion Wheel







