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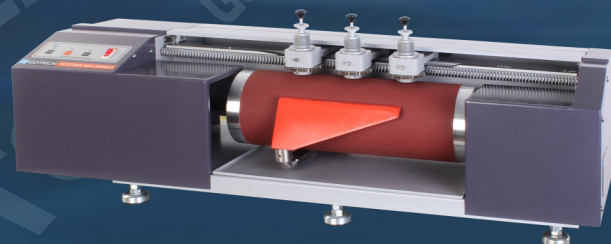
GT-7012-D3 DIN耐磨耗試驗機(三組式)

DIN Abrasion Tester

BS-903、GB/T 9867、ISO-4649、JIS-K6264、SATRA TM174、ASTM-D5963、
QB/T 2884-2007、ISO 20871:2001、BS EN 12770:2000

本機適用於聚酯鞋底、成鞋鞋底及聚合物片狀材料的耐磨性能。在規定的接觸壓力下和給定的面積上，測定試樣在一定級別的砂紙上進行摩擦而產生的磨耗量。砂紙包貼在滾筒的表面，試樣緊壓在帶有砂紙的滾筒上，使試樣沿滾筒橫向移動。磨耗是在圓柱型試樣的一端產生，測量試樣的質量損失值，並由試樣的密度計算體積磨耗量。

It is applicable to testing the abrasion resistance of polymeric soling materials, finished soles and any polymer based sheet material. A circular specimen is placed in contact, under a specified force, with a rotating cylinder covered with an abrasive paper of given grade. The specimen is then moved along the length of the cylinder so that it travels a helical contact path the abrasive paper. The mass loss of the specimen and its density are measured, and then its volume loss is calculated.



荷重 Load	5.0±0.1N; 10.0±0.2 N
夾具橫向位移量 Transverse movement	4.2±0.04 mm/滾筒每圈 every revolution of the cylinder
滾筒 Cylinder	直徑 in diameter Φ150±0.2 mm, 長度 in length 500 mm
滾筒轉速 Rotating speed	40±1 r/min
磨耗行程 Abrasion distance	40±0.2 m 相當於滾筒圈數84轉 corresponding to 84 revolutions of the cylinder
傾角 Inclination	3°(試樣夾持器中心軸與滾筒旋轉方向垂直面夾角 Angle between the central axis of the holder and the vertical in the direction of rotation)
砂紙 Abrasive paper	粒度 Grain size 60 #, 平均厚度為 average thickness 1±0.2 mm, 寬度至少 minimum width 400 mm
電源 Power	1φ AC 220V (依圖別或指定 or specify)

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