



MODEL.....1700 (SINGLE HEAD)
CODE.....GT2270
OVERALL DIMENSION:.....315 x 391 x 213 mm
POWER.....230/50-1
WEIGHT.....20 kg



MODEL.....1750 (DOUBLE HEAD)
CODE.....GT2271
OVERALL DIMENSION:.....535x 394 x 213 mm
POWER.....230/50-1
WEIGHT.....25 kg

TABER ABRASIMETER

STANDARDS

ASTM D3389, ASTM D3730, ASTM D3884, ASTM D4060, ASTM D4685, ASTM D4712, ASTM D5146, ASTM D5324, ASTM D6037, ASTM D7255, ASTM F362, ASTM F510, DIN 52347, DIN 53109, DIN 53754, DIN 53799, DIN 68861, EN 13329(E), EN 13696, EN 14431, EN 14864, EN 438-2, EN 660-2, ISO 5470-1, ISO 7784-2, ISO 9352, ISO 17076-1:2011, NEN 1857, TAPPI T476, BS 3900-A7, ISO 5470 (depending on the wheels)

DESCRIPTION

High precision instrument to test a wide range of products for measuring abrasion resistance for rubbing of materials such as ceramics, metals, painted or lacquered surfaces and electroplated, plastic-coated materials, textile products from pure silk to heavy upholstery, leather, rubber and linoleum

TECHNICAL SPECIFICATIONS

Mounted to a rotating turntable, specimens are subjected to the rub-wear action of two abrasive wheels. Driven by the test sample, the wheels produce abrasion marks that form a pattern of crossed arcs over a circular ring approximately 30 square centimeters. This reveals abrasion resistance at all angles relative to the weave or grain of the material.

Critical components and wheel easy to replace; quick release wheel mounting hub; direct flow vacuum nozzle with precision height adjustment and screw 8 and 11 mm; Touch-screen control panel with multi-language menu allows you to set different test parameters and operate the turntables independently of each other with storage of test profiles.

The TABER 1750 is equipped with two sample turntables, allowing you to run two tests simultaneously (test two different or identical samples for comparison or contrast.)

EQUIPMENT

- Auxiliary Weights provide 500 g & 1000 g load
- Specimen Holder (SH-125)
- Hold Down Ring (SH-101)
- Vacuum Unit with Suction Hose

Note (1): under normal conditions:

the Calibrade wheels (resilient wheel composed of rubber and aluminium oxide abrasive particles) should be used when testing a flexible specimen; the Calibrase wheels (non-resilient wheel composed of vitrified (clay) and silicon carbide abrasive particles) should be used for testing rigid specimens.

Note (2): medium for refacing Calibrase wheels are available.

**ACCESSORIES AND SPARE PARTS:**

- Genuine TABER abrading wheels set
- Test accessories
- Interchangeable specimen holders
- Samples cutter
- Wheels refacer
- Sound dampened cabinet
- Grit feeder
- Scuffing head
- High extension arm kit
- Counter weight kit
- Wheel/hub kit with nut
- Calibration verification kit

TYPE OF REFACER :

GT2283	Calibrase	CS-10F	ST-11 refacing stone (fine side)
GT2284	Calibrase	CS-10	S-11 refacing disc
GT2285	Calibrase	CS-17	S-11 refacing disc
GT2286	Calibrade	H-10	Diamond tool wheel refacer
GT2287	Calibrade	H-18	Diamond tool wheel refacer
GT2288	Calibrade	H-22	Diamond tool wheel refacer
GT2289	Calibrade	H-38	Diamond tool wheel refacer

SELECTION OF ABRADING WHEEL SETS

CODE	TYPE	COMPOSITION	LOAD RANGE IN GRAMS	ABRASIVE ACTION
GT2290	Resilient	Rubber and abrasive grain	500 to 1000	Mild
GT2291	Resilient	Rubber and abrasive grain	250 to 500	Very Mild
GT2292	Resilient	Rubber and abrasive grain	500 to 1000	Harsh
GT2293	NonResilient	Vitrified	500 to 1000	Coarse
GT2294	Non Resilient	Vitrified	500 to 1000	Medium coarse
GT2295	NonResilient	Vitrified	500 to 1000	Very coarse
GT2296	Non Resilient	Vitrified	250, 500, 1000	Very fine, hard
GT2297	Resilient	Non abrasive rubber	200, 500, 1000	Very mild
GT2298	Resilient	Sand paper strips	500 to 1000	Medium
GT2299	Resilient	Wool felt	250 to 500	None
GT2300	Non Resilient	Tungsten carbide	500 to 1000	Severe cutting or tearing action
GT2301		Leather	500 to 1000	Used with grit feeder