

No.430 Rotary Abrasion Tester Model **TS-2**



Left: Rotary Abrasion Tester model TS-2
Right: Refacer model TSR-1 (Optional)

■ APPLICATION

The **Rotary Abrasion Tester** is used in a very wide field of applications as an abrasion tester of various kinds of flat materials. On rotating specimen, two abrasion wheels eccentric with regard to the center of the specimen are rotated pressing against the specimen, so that friction occurs at the contact of the specimen surface and abrasion wheels. Various kinds of abrasion wheels are available according to test specimen. Roughness of these wheels differs according to their number. Evaluation of degree of abrasion is made in terms of reduction in specimen's weight, thickness, gloss, etc.

■ SPECIFICATION

Model	TS-2
Rotation speed	60rpm or 72rpm
Load	250, 500, 1000gf
Counter	6-digits
Standard abrading wheels provided	1 set of CS-10 or CS-17
Power requirement	Single-phase, AC100V, 50Hz or 60Hz, 1kVA
Dimensions	W275 x D410 x H500mm
Weight	Approx. 18kg
Related standards	JIS A 1453, K 5600, K 6264, K 7204 ISO 9352

OPTIONS

Refacer model, TSR-1

Power requirement	Single-phase, AC100V, 50Hz or 60Hz, 0.5kVA
Dimensions	W220 x D265 x H300mm
Weight	Approx. 11kg

Specimen holders (Turn tables)

E-100-125	Standard specimen holder
E-14	Ring clamp specimen holder
E-21	NEMA type specimen holder

Abrading wheels

Resilient (Elastic) Wheels	CS-10F	Light abrasion Load: 250g, 500g	Flexible plastics and coatings, Paper etc.
	CS-10	Medium abrasion Load: 500g, 1000g	Medium hard plastics and coatings, Cardboard, Leather, Textiles etc.
	CS-17	Coarse abrasion Load: 500g, 1000g	Hard plastics and coatings, Ceramic, Glass, Insulated wires etc.
Non-resilient (Non-elastic) Wheels	H-10	Fine abrasion Load: 500g, 1000g	Glass, Cardboard etc.
	H-18	Medium abrasion Load: 250g, 500g, 1000g	Glass, Rubber, Wood, Cardboard, Textiles, Floor-coverings etc.
	H-22	Very coarse abrasion Load: 250g, 500g, 1000g	Wood, Leather, Shoe soles, Cardboard, Rubber, Textiles, Insulated wires etc.
	H-38	Fine grain Load: 250g, 500g	Woven fabrics etc.
Others	S-11	Abrasive discs for refacing Resilient wheels (For CS-10F, CS-10, CS-17)	
	S-32	Abrasive wheels	
	S-42	Sandpaper for S-32	

Specifications are subject to change without notice.



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