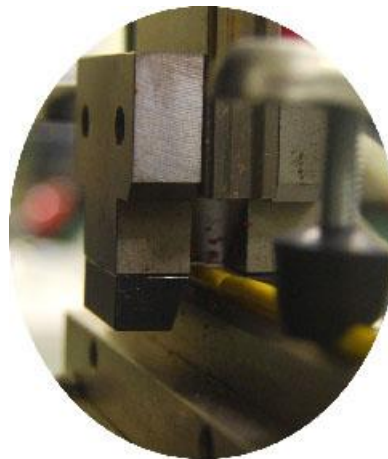
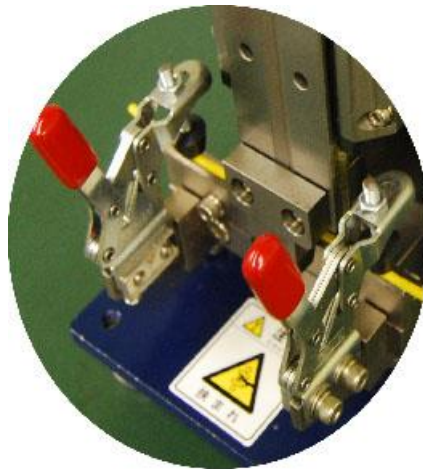


## 413 | ISO type Scrape Abrasion Tester



### ■ APPLICATION

The standard specified weight is vertically applied to the tester's needle, and the needle abrades insulate samples in their length direction. The tester measures the number of cycles until those samples are worn, and their electrical wires appear. Once the needle makes the samples worn and contacts their wires, a test stops. After a test is complete, the operator needs to move the samples by 100mm in length direction, rotate them by 90 degree and fix them, and repeat the test for the test cycle until the needle contacts the wires. These procedures need to be repeated for four times in total (one rotation in an axial direction). The minimum test cycle is taken as an abrasion cycle. The standard specifies that the needle needs to be replaced by each sample.

## ■ SPECIFICATIONS

Model	<b>B-1</b>
Needle diameter	Ø0.45±0.01mm (Note: Needle is not provided)
Specimen dimensions	Ø7mm or less
Specimen base	Groove depth 0.4mm and 0.8mm (2 kinds)
Abrading speed	55 times/min. (Note: Adjustable from 50 to 60 times/min. at shipment)
Abrading distance	15.5±1mm
Vertical force	4N, 7N(additional weight 3N)
Counter	Electronic counter, 6 digits
Motor	Speed control motor (15W)
Safety guards	<ul style="list-style-type: none"><li>● Safety cover on test section (Automatically stop when cover is open)</li><li>● Circuit protector...3A</li></ul>
Power supply	Single-phase, AC100V, 50/60Hz, 0.3kVA (others on request)
Dimensions	W135 x D440 x H310mm
Weight	Approx. 25kg
Related standard	ISO 6722-1

Specifications are subject to change without notice.



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