



**YASUDA**  
— TESTING THE LIMITS —

**No.210 MAGNET WIRE ABRASION  
TESTER (RECIPROCATING TYPE) |  
YASUDA SEIKI SEISAKUSHO LTD.  
providing you the best material  
testing equipment.**

**No.210 MAGNET WIRE ABRASION TESTER**



NEMA-C9.5, JASO, ISO-6722

This tester is to evaluate the abrasion resistance of enamel wire according to the blade reciprocating method. Abrading the enamel wire back and forth with constant load, the operator is to check the number of reciprocates until the conduction occurs. By turning the test specimen, one test specimen can be tested 3 to 4 times.

※No.210-ISO6722 WIRE ABRASION TESTER

This version is compatible with specimens with a cross-section under 6 mm<sup>2</sup>.

## Specification

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Model	No.210 (NEMA)	No.210-ISO6722 (JASO, ISO)
Abrading Distance	10 mm	15.5 ± 1 mm(Displacement of Needle 20 ± 1 mm)
Abrading Speed	60 times/min	55 ± 5 times/min

<b>Specimen Clamp</b>	—	Distance 71 mm (Left-Right 35.5 mm from Abrasive Center)
<b>Weight Load</b>	Initial 2 N to Max. 10 N	Initial 2 N to Max. 10 N (Standard: $7 \pm 0.05$ N)
<b>Abrading Blade</b>	$\phi 0.4$ mm	$\phi 0.45 \pm 0.01$ mm (JASO)
<b>Counter</b>	6 Digits Preset Counter	6 Digits Preset Counter
<b>Specimen Rotating Angle</b>	0°, 120°, 240°	0°, 90°, 180° and 270°
<b>Option</b>	Safety Cover	Safety Cover
<b>Power Source</b>	AC 100 V, 1-Phase, 5 A, 50/60 Hz	AC 100 V, 1-Phase, 5 A, 50/60 Hz
<b>Dimensions/ Weight (Approx.)</b>	W480 × D450 × H575 mm, 34 kg	W480 × D450 × H575 mm, 34 kg