



YASUDA
— TESTING THE LIMITS —

**No.161 SPRING ELONGATION TESTER |
YASUDA SEIKI SEISAKUSHO LTD. providing
you the best material testing equipment.**

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JIS-(C3003), C3216-3, IEC-60851-3

This tester is used to evaluate the softness of enamel wire according to the spring elongation method. One end of the testing coil is to be rolled to the mandrel and the other end attached to a weight which is placed on a supporting platform. The platform will then go down at a constant speed and when 1 minute has passed after the weight had separated from the supporting platform, the operator is to detach the weight and leave the testing coil for another 1 minute. The length difference of the coil before and after the test is to be noted as the spring elongation value.

Specification

Specimen	L1.2 m, Conductor Diameter ϕ 0.25 to ϕ 1.6 mm
Mandrel Rotation Speed	50 rpm
Mandrel Diameter	ϕ 2.5 to ϕ 16 mm (Conductor Diameter $\phi \times 10$)
Weight	(Specimen Cross Section \times 700) g
Holder Stroke	Max. 780 mm
Holder Speed	50 mm/s

Timer	60 sec Count
Option	Automatic Specimen Cutting Device, Safety Cover
Power Source	AC 100 V, 1-Phase, 5 A, 50/60 Hz
Dimensions/ Weight (Approx.)	W490 × D500 × H1,500 mm, 70 kg