



**YASUDA**  
— TESTING THE LIMITS —

**No.163 ENAMELED WIRE STIFFNESS  
TESTER | YASUDA SEIKI SEISAKUSHO  
LTD. providing you the best material testing  
equipment.**

**No.163 ENAMELED WIRE STIFFNESS TESTER**



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

This tester is to evaluate the softness of enamel wire according to the spring back method. The operator is to roll the coil to the mandrel 3 times and after the coil has

been rolled 3 times, fixing one end of the coil and slowly releasing the other end, the operator is to read how much the coil rolled back.

**Specification(the spring back method)**

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<b>Specimen</b>	1 m, Conductor Diameter $\phi$ 0.25 to $\phi$ 1.6 mm
<b>Mandrel Rotation Speed</b>	5 to 10 rpm (Manual or Motorized)
<b>Mandrel Diameter</b>	$\phi$ 19 mm、 $\phi$ 48 mm、 $\phi$ 82 mm
<b>Weight</b>	57 g, 115 g, 455 g
<b>Scale</b>	0 to 120
<b>Counter</b>	4 Digits Preset Counter (Only for Motorized)
<b>Accessories</b>	Foot Switch (Only for Motorized)
<b>Power Source</b>	AC 100 V, 1-Phase, 3 A, 50/60 Hz (Motorized Model)

<b>Dimensions/ Weight (Approx.)</b>	W480 × D285 × H250 mm, 10 kg (Motorized Model)
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