



YASUDA
— TESTING THE LIMITS —

Enamel wire testing machine | YASUDA SEIKI SEISAKUSHO LTD. providing you the best material testing equipment.

Contents

- No.199 VOLT-ENDURANCE AND DESTRUCTION TESTER
- No.199-T TWISTING DEVICE (VOLT-ENDURANCE AND DESTRUCTION TEST)

No.199 VOLT-ENDURANCE AND DESTRUCTION TESTER



JIS-C2110, (C3003), C3216-5, IEC-60851-5

This tester is for evaluating the dielectric strength (volt endurance/ volt destruction)

of solid electric insulating material. By exchanging the electrodes, the tester can also

be used for board, sheet, textile, film, tape, tube, varnish, and paint. Recent

applications also include insulating film in lithium-ion batteries. After setting the

specimen between the two electrodes, voltage is applied mid-air or in-bath until the

specimen insulation destructs. The results are evaluated either by the insulation

strength or destruction voltage level. The tester is capable of both the short-time test

and step-by-step test. The tester can also be used for enamel coatings using the

twistpair method by exchanging the electrodes.

Specification

Capacity	0.5 to 10 kVA
----------	---------------

Maximum Output Voltage	AC 5 to 50 kV
Standard Equipments	A-meter, V-meter, Volt-slider, Programmed Voltage Raising Device, Breakdown Current Regulator
Option	Timer, Mini Printer, Software
Safety Device	Safety Cover with Interlock Attached, Earth-Leakage Breaker, Upper Voltage Limit, Emergency Stop SW, Warning Indicator & Buzzer
Electrode	Selected by Specimen
Power Source	AC 200 V, 1-Phase, 15 to 50 A, 50/60 Hz
Dimensions/ Weight (Approx.)	Differ by Specifications.

No.199-T TWISTING DEVICE (VOLT-ENDURANCE AND DESTRUCTION TEST)



JIS-(C3003), C3216-5, IEC-60851-5

This device is used for enabling the twistpair method for enamel insulation testing, particularly for the No.199 VOLT-ENDURANCE AND DESTRUCTION TESTER. The test specimen is folded in half, attached to the chucks of the device, and twisted at the set tension for twistpair method testing. The No.199 VOLT-ENDURANCE AND DESTRUCTION TESTER can be used for testing.

Specification

	1 Hanging	5 Hangings
駆動方式	手動ハンドル式	電動式(5個連動駆動方式)
荷重	ご指定ください。 ※線径によって異なります。	ご指定ください。 ※線径によって異なります。

より回 転速度	—	60 回転/min
安全装 置	—	インターロックスイッチ、安全カバー、漏電 ブレーカー、非常停止ボタン
付属品	ウエイト 39 N、片ロスパ ナ、丸形水準器	—
電源	—	AC 100 V、単相、15 A、50/60 Hz
機体寸 法・重量	約 W250 × D250 × H750 mm・約 16 kg	仕様により変更します。