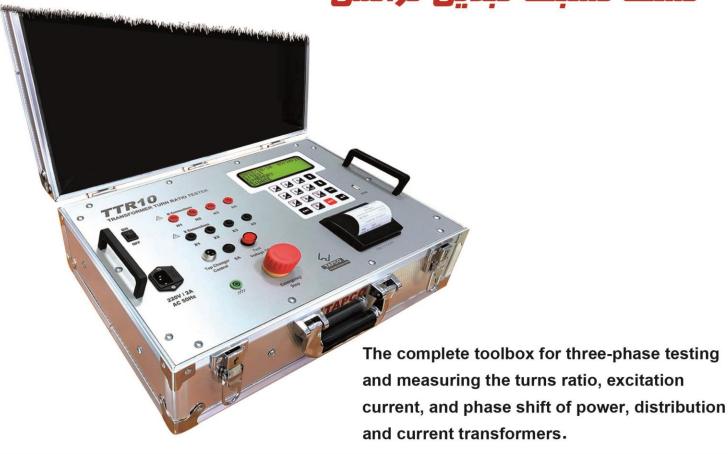


Transformer Turns Ratio Tester

تست نسبت تبدیل ترانس



Features

- Ratio range 45000 : 1
- Adjustable excitation test voltage: 1V to 250V
- Excitation current range: 1uA to 1A
- Phase shift accuracy: ±0.05°
- Automatic detection of 130 vector groups
- Built-in tap changer control unit
- Providing user safety with an emergency stop button
- Portable, heavy-duty, and light weight case
- Extremely reliable and easy to use
- USB, WIFI connectivity
- User-friendly mobile app.

Applications

- High power transformer manufacturers
- Repair and maintenance of electrical power plant companies
- Electrical power plant EPC companies
- Electrical power labs
- Big factories e.g. Steel, petrochemicals, refineries, and ...



TTR10 Specifications

Specifications are valid at nominal input voltage and an ambient temperature Of +25°C, (77°F).

Specifications are subject to change without notice.

	Gen	eral
Туре		Portable Transformer Turns Ratio Tester
Input Power		220 V AC / 50 Hz
Dimensions (L× W × H)		Basic Unit: 460 x 330 x 120 mm
	Weight	Basic Unit: 7.7 kg
7		rement
	Range	45000 : 1
	Accuracy@250VAC	1-1999: ±0.1%, 2000-3999: ±0.1%, 4000-9999: ±0.3%, 10000- 19999: ±0.5%, 20000-45000: ±1%
Turns Ratio	Accuracy@100VAC	1-1999: ±0.1%, 2000-3999: ±0.3%, 4000-9999: ±0.5%, 10000- 19999: ±1%, 20000-45000: ±1.5%
	Accuracy@40VAC	1-999: ±0.1%, 1000-1999: ±0.5%, 2000-10000: ±1%
	Accuracy@10VAC	1-199: ±0.1%, 200-999: ±0.2%, 1000-2000: ±0.5%
	Accuracy@4VAC	1-199: ±0.2%, 200-800: ±0.5%
	Accuracy@1VAC	1-99: ±0.5%, 100-200: ±1%
	Range	1uA – 1A
Excitation	Typical Accuracy	± 2% ± 1 dgt
Current	Resolution	0–9,999mA 1μA 10–99,99 mA 10μA 100–999,9mA 100μA
Phase Angle	Range	360°
	Accuracy	±0.05°
Test Voltage		1V - 250V
	Enviro	onment
Operating Temperature		-20 to 55 °C (-4 to 131 °F)
	Storage Temperature	-30 to 70 °C (-22 to 158 °F)
	Humidity	20% - 95% RH , Non-Condensing
		laneous
	######################################	er 350 Transformer Tests
	Internal The	ermal Printer
	USB, WIFI	Connectivity
	User-friendly	Mobile App.
	PC Sc	oftware
	Acces	ssories
H Wir	nding Test Lead Set (4 x 8m with Clamps)	X Winding Test Lead Set (4 x 8m with Clamps)
10	NO NO NO	OA OA OA OA
Tap Changer Control Cable (5m)		Earthing Cable (4m)
		67
Power&USB Cables		Case Cover&Cable Bag
4		

One Year Warranty, Five Years After Sales Services

Tarbiat Modares Science&Technology Park, Pajouhesh Bld, 17th km of Tehran-Karaj Highway Tehran-Iran

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