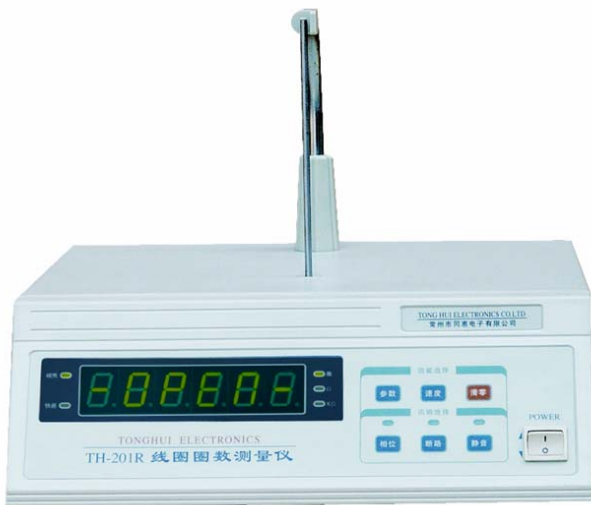


TH200 Series Winding Turns Meter

Features

- Newly-designed circuit
- Double control of CPLD and MPU
- Maximum measurable turns up to 80,000 (TH201/TH201R)
- Minimum inner diameter down to 4.1mm
- 4-terminal resistance measurement mode
- High measurement speed
- Easy to operate and learn



TH200 series

Brief Introduction

- TH200 winding turns meter, using the most advanced technology in the field, has stable performance and reliable quality. The meter is used to measure turns and DC resistance of winding (resistance measurement only for TH200R/TH201R). It is suitable for measurement of motor, transformer, relay winding, etc. With easy operation, high speed and wide range, the meter can improve measurement efficiency without calibrating.

General Specifications

Operating temperature & humidity		0°C – 40°C, ≤90%RH
Power supply	Voltage	198V – 242V AC
	Frequency	47.5Hz – 63Hz
Power consumption		≤ 30VA
Dimensions (W×H×D)		335mm×320mm×290mm
Weight		Approx. 6 kg

Specifications

Measurement function		
Measurement parameter	TH200/201	turns
	TH200R/TH201R	turns, DC resistance
Dimension requirement for turns under test		Inner diameter > Φ4mm, height < 110mm; Outer diameter < Φ120mm. Special specifications can be customized.
Diameter of sensor		Standard Φ9.5, optional Φ4, Φ6
Range mode		auto
Display		6-digit LED display
Display range		
Turns	TH200/TH200R	1—30,000 turns
	TH201/TH201R	1—80,000 turns
Turns measurement accuracy	TH200/TH200R	1—200 turns: ±0.1%±1 digit 201—1000 turns: ±0.2%±1 digit 1001—5000 turns: ±0.3%±2 digits 5001—30000 turns: ±0.5%±6 digits
	TH201/TH201R	1—1000 turns±0.2%±1 digit 1001—20000 turns±0.3%±2 digits 20001—80000 turns: ±0.5%±8 digits
Turns measurement speed	TH200/TH200R	1.5 times/second
	TH200/TH200R	fast: 3 times/second, slow: 1.5 times/second
Resistance measurement range	TH200R	100 μΩ—20kΩ
	TH201R	100 μΩ—200kΩ
Resistance measurement speed	TH200R	3 times/second
	TH201R	5 times/second
Resistance measurement accuracy	TH200R	0.1Ω—1Ω ±0.7%±2 digits
		1Ω—20Ω ±0.5%±1 digit
		20Ω—20kΩ ±0.3%±1 digit
	TH201R	0.1Ω—20Ω ±0.5%±2 digits 20Ω—20kΩ ±0.3%±1 digit 20kΩ—200kΩ ±0.5%±1 digit
Alarm selection		Open circuit, phase and silence selectable

Note: To ensure measurement accuracy, please select sensor of Φ9.5 when inner diameter of the winding is more than 30mm.

Ordering Information

- TH200 Winding Turns Meter
- TH200R Winding Turns Meter
- TH201 Winding Turns Meter
- TH201R Winding Turns Meter

Instrument Accessories

- TH26004A 4-terminal Kelvin test cable

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