

HF-TC-604

Transformer Load Tap Changer Analyzer



This Transformer Load Tap Changer Analyzer features a 7-inch bilingual touch screen and multiple optional output currents. It automatically records transition waveform, resistance, switching time and three-phase synchronism. It supports tests with or without transformer windings, saves data locally, and enables remote control and data upload via mobile APP for efficient on-site transformer maintenance.

Key features

- Large output current and lightweight design
- Direct resistance display without conversion for Yn, Y and Delta (D) type transformers
- Supports measurement with or without transformer windings connected
- The waveform display automatically adjusts amplitude of resistance and time values based on sampled data
- Equipped with comprehensive protection circuits for high operational reliability

Technical specifications

Parameter	Value
Output Current	3.0A / 1.0A / 0.5A / 0.1A
Transition Resistance Measurement Range	3.0A: 0.1ohm□4ohm1.0A: 1ohm□20ohm0.5A: 5ohm□40ohm0.1A: 20ohm□200ohm
Transition Time Measurement Range	0□320ms
Open-circuit Voltage	24V
Measurement AccuracyTransition ResistanceTransition Time	±(5% of reading ±0.1ohm)±(0.1% of reading ±0.2ms)
Sampling Rate	20kHz
Data Storage	Onboard local storage
Overall Dimension	Main Unit: 360×290×170 mmCable Case: 360×290×170 mm
Instrument Weight	Main Unit: 6 kgCable Case: 4.5 kg
Standard Test Cable Length	13 meters; customized length available upon request

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.