Impulse Winding Tester
7700 / 7710 / 7720

Features

– High voltage calibration
– programmable impulse voltage, low-energy detection without damaging the DUT
– Built-in storage 200 sets testing waveform
– Storage golden sample (DUT) standard waveform in the instrument, and compare with the other sample waveform
– Provides 5 waveform comparison: total area comparison, differential area comparison, wave comparison, futter and corona
– Key lock function to prevent operators from accidentally touching the keys
– Support RS-232, remote and printer interfaces

Applications

Include Inverters, Power Inductors, Transformers, Motors, Wave Filters, Capacitors and Wires

CE RS-232 ☑ | Remote ☑ | Printer ☑

Accessories / Fixtures

Standard

– Power Cord
– User Manual (CD)
– HV test red/black cable (7700/7710)
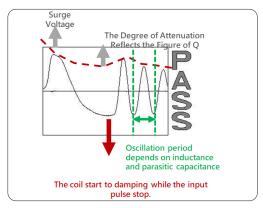– HV test red cable (7720)
– D-Sub foot switch (F760001)

Optional

– PC Link software (7700/7710)
– RS-232 cable
– Remote control cable

Specifications

Model Name	7700	7710	7720
Channel	2	2	8
Impulse Voltage (programmable)	200V–5000V	200V–10000V	200V–5000V
Lowest Inductance	50μH	100μH	50μH
Impulse Voltage Accuracy	±2%		
Measurement Time	50ms		
Test Items	Total area comparison, differential area comparison, wave comparison, futter and corona		

General

PLC Remote Control	Test, Abort
PLC Remote Output Signal	Pass, Fail, HV output, Testing
Built-in Storage	200 sets testing waveform (7700/7710) 80 sets testing waveform (7720)
Interface	RS-232, Remote, Printer
Power Supply	Voltage 98Vac–132Vac or 192Vac–264Vac
	Frequency 50/60Hz ±5%
Display	320*240, 5.7" dot-matrix
Environment	Temperature: 10℃-40℃, Humidity: 20-90%RH
Dimension (W*H*D)	435×145×522mm (7700/7710) 435×190×522mm (7720)
Weight	8kg (7700/7710), 9kg (7720)

Key feature

A Principle of Impulse Winding Test

Detect Layer Short by Compare Damped Oscillation Waveforms

B Waveform comparison measurement

Impulse Voltage (programmable) 200V–5000V, storage golden sample (DUT) standard waveform in the instrument, and compare with the other sample waveform.