

# 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

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| <p>Standard</p> <ul style="list-style-type: none"> <li>- Power Cord</li> <li>- HV test red/black cable (7700/7710)</li> <li>- HV test red cable (7720)</li> <li>- D-Sub foot switch (F760001)</li> </ul> | <p>Optional</p> <ul style="list-style-type: none"> <li>- PC Link software (7700/7710)</li> <li>- RS-232 cable</li> <li>- Remote control cable</li> </ul> |
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### Specifications

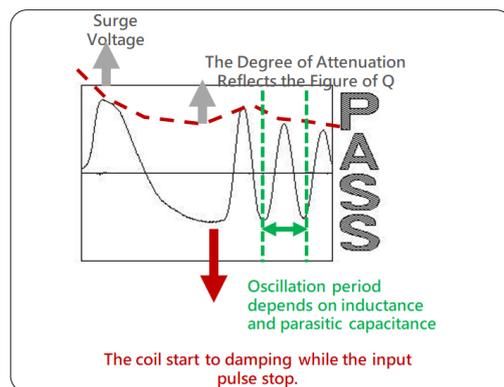
Model Name	7700	7710	7720
Channel	2	2	8
Impulse Voltage (programmable)	200V-5000V	200V-10000V	200V-5000V
Lowest Inductance	50μH	100μH	50μH
Impulse Voltage Accuracy	±2%		
Measurement Time	50ms		
Test Items	Total area comparison, differential area comparison, wave comparison, futter and corona		

### 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%
Power Consumption	85VA
Display	320*240, 5.7" dot-matrix
Environment	Temperature: 10°C-40°C, 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.