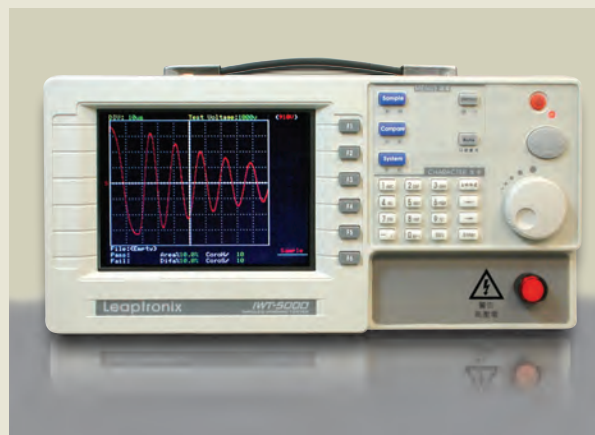


IWT-5000

IWT-5000(Impulse Winding Tester) is the advanced design of the test instrument for the insulation performance of the coil. It tests electrical characteristics of coil windings without damage to the samples. Moreover, It analyzes the decay waveform to detect changes in Material, shorted and damaged windings and other errors.



Feature

- It offers a 500V~5000V programmable winding range to test voltage and low-power without damaging the coil.
- 100MHz high speed sampling to enhance partial discharge ability.
- 320x240 color LCD display clearly to view the waveform and test result.
- Offers 4 kinds of detection comparison to test the bad insulation of the coil easily.
- Mini volume saves the working space and provides "Auto-Scale" function for a convenient operation.

Specification

Applied Voltage (Step)	500V~5000V(100V Steps)
Applied Energy	Max. 0.25 J
Inductance Test Range	up to 20 μ H
Sampling Speed	8bit/10ns(100MHz)
Sampling Memory	5000Byte
Input Impedance	10M Ω
Display	320x240 , 5.7" Color LCD
Detection Mode	Detection by Area Size Comparison, Differential Area Comparison, Corona Discharge, Phase Difference Comparison
Memory	100 Waveforms
Detection Output	Pass/Fail Indicator, Alarm
PC-Link Interface	USB 2.0
Temperature & Humidity	0 $^{\circ}$ C, \leq 90%RH
Input Voltage	AC110/220V 50/60Hz
Dimension(WxHxD)	31(W)x15(H)x18(D) cm
Weight	5.3kg

Standard Accessories

- Main Unit 1
- Test Cable 1(set)
- CD 1
- User's manual 1
- AC power cord 1
- USB Cable 1