

The Cutting Edge Winding Test Technology

DWX Series Specifications

	DWX-01A	DWX-05A	DWX-10A
Applied Voltage, Step, and Energy * At 1 kOhm Resistive Load	50V - 1000V (10V Step) Max 5 milli-Joule	500V - 5,000V (100V Step) Max 0.12 Joules	1,000V - 10,000V (200V Step) Max 0.5 Joules
Inductance Test Range	More than 10μH	More than 10μH	More than 50μH
Sampling Speed	8 bit / 10 nano-sec. (100MHz)		
Sampling Memory	8192-Byte		
Sampling Range	10 Ranges: -4, -3, -2, -1, 0, 1, 2, 3, 4, 5 (Width 0 to 5 is the Compatible Range with the DW Series)		
Input Test Circuit (Impedance)	Resistive Voltage Divider (5 MOhm)		
Screen Display Resolution Waveform Display Range	640 x 480 Dots (VGA), 8.4" TFT Color LCD, 4 Color Display 512 x 256 Dots		
Detection Mode	Master Waveform Comparison Detection by Area Size Comparison, Differential Area Comparison, and Corona Discharge		
Master Waveform Memory	Internal Memory: 196 Types (14 Types per Page, 14 Pages) 700-Types by Compact Flash Memory (14 Types/50 Pages)		
External Interface	Parallel I/O (Start, Reset, OK, NG, Busy, Master Numbers, etc.) RS-232C (Test Control, Test Data, etc.) Printer Port (Screen Hard Copy) Ethernet Adapter (Option)		
Accessories	A Test Cable (1.5 m) A Power Cable (With 3P Adaptor) A Compact Flash Memory A Parallel I/O Connector An Instruction Manual and Inspection Record		
Environmental Conditions	0°C-40°C, AC Voltage Upon Your Request: 100V / 115V / 220V / 240V ±5%		
Dimension (Excluding the Handle) / Weight	345(W)x185(H)x360(D), Approx.10 kg		345(W)x325(H)x360(D)

DWX-10A

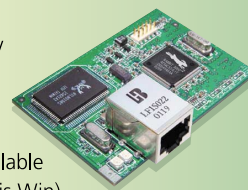


DWX Series Option

Ethernet Adaptor

The DWX can be remotely controlled and operated through the Ethernet network and TCP/IP serial convert adaptor. The available control software (DW-Assis Win) helps to operate the data from the PC's Windows.

LAN Interface: 10 BASE-T 1 Port
Correspond Protocol: TCP/IP Ethernet



Impulse Winding Tester

DWX Series

- DWX-01A 1000V
- DWX-05A 5000V
- DWX-10A 10000V



An Innovative Design for Low Inductance Coil!

Your New Solution: Clear Waveform Display of 10 μH Coil

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- This state-of-the-art tester offers a new solution for low inductance coil test.
- Its advanced technology enhances a complete waveform and partial discharge observation ability by the resistive voltage divider.
- Its high sampling rate of 100 MHz delivers highly sensitive and precise test.
- The partial discharge amount calculated by the Laplacian method is displayed clearly in a separate sub-window.