

5KV, 6KV Digital Surge Tester

Model D-5K, D-6K

The latest Surge Tester has an embedded Industrial PC with 8 inch touch screen display and also has automatic pass/fail and report generation feature.



This Surge Tester can be directly connected to a printer via USB port for report printouts

Features

- Job work management area for motor data reference
- Dual feature to either store and compare against master waveform or compare between two windings simultaneously
- Colour coded waveforms for better analysis
- Store, print and recall surge test waveforms & reports
- Graphical and numerical representation of %error between the waveforms
- Automatic report generation in MS word
- Target voltage indication based on motor ratings

Specifications of PC

- 8 inch touch screen display
- Industrial grade CPU (Intel Dual Core)
- 4GB RAM / 500GB hard disk
- Windows 7 / MS Office / Anti Virus
- Dust proof / Water resistant / 0-60°C
- 2 USB ports
- Wireless keyboard & mouse

Software Indicator and Controls



- Adjustable Volts/div and Timebase
- Colour coded waveform display
- Surge test peak voltage indicator
- Graphical and numerical %error display
- Target voltage indicator based on motor rating
- Test result lamp indicator
- Save, recall and print waveforms & reports

Benefits

- Footswitch for hands free operation
- Highly sensitive fault detection capability
- Test leads insulated to 30KV rating
- 8 inch touch screen colour display
- Leads energized warning indicator
- 1φ & 3φ Test Select Switch
- Printer can be connected to tester via USB for direct printouts

Applications

This tester is widely used for testing newly and rewound motors. It helps in finding and predicting the faults in motors before it actually happens. This tester is extremely portable that can be easily used in the motor shop and in field to test the following :

- 1φ & 3φ windings
- LT coils
- AC, DC motors
- Stators
- Transformer coils
- Solenoids & chokes

Test Specifications	D-5K	D-6K
Test Voltage	5,000V	6,000V
Pulse Current	330 Amps (Max)	400 Amps (Max)
Pulse Energy	1.0J	1.44J
Capacitance	0.04 μ F	0.04 μ F
Impulse Rise Time	0.1 μ S	0.1 μ S
Impulse Repetition Rate	1.0 Hz (1 Pulse per second)	1.0 Hz (1 Pulse per second)
Min. Test Object Inductance	24 μ H	24 μ H
Display	8 inch touch screen colour display	
Vertical Sensitivity	500V, 1000V, 2000V, 5000V	
Sweep	Variable (10 μ S - 10 mS)	
Operating Voltage & Frequency	230 V (50/60 Hz) or 110 V (60 Hz)	
Power consumption	25 Watts (Max)	
Dimensions	310 (w) x 212 (H) x 320 (D) mm Approx	
Weight	12 Kgs Approx	

JABBALS

Plot No. 20A/14-15 Industrial Area, N.I.T Faridabad -121001, INDIA

Phone: +91 129 4021189, 4021190 • FAX: +91 129 2233295 • Email: jabbals7000@gmail.com

Web: www.jabbals.com

JABBALS