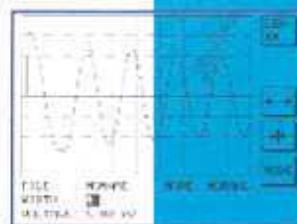


Impulse / Surge Tester **7700 & 7720**

The best solution for coils testing.

Coils are used widely. They are used on transformer, motor, generator, relay, solenoid, filter and different inductances. Almost all kinds of electronic devices need it. That is why the quality of coils is very important for all manufacturers.



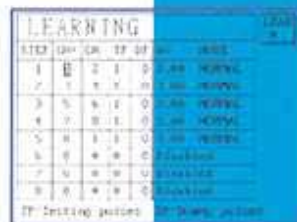
High voltage non-destructive analysis of winding identifies difficult to detect manufacturing faults.

There are a number of parameters that cannot change during manufacture that may affect the performance of a winding. These parameters, which cannot always be measured with an LCR Meter, include change in material as well as shorted and damaged windings.

The 7700 series instruments use a very high voltage impulse to stimulate the device under test (DUT). It analyzes the decay waveform to detect changes in material, shorted and damaged windings and other errors.

Long term decay of a winding can also be detected. The system used ensures that the component is tested but not damaged during the analysis process.

The shape of the waveform is dictated by Q factor, inductance and stray capacitance of the winding. High Q shows as a slow decay and the frequency of the waveform is determined by the inductance and stray capacitance of the DUT.



ITEM	ON	OK	OFF	TEST
1	0	1	0	OK NORMAL
2	1	1	0	OK NORMAL
3	0	0	0	OK NORMAL
4	1	0	0	OK NORMAL
5	0	1	0	OK NORMAL
6	0	0	0	OK NORMAL
7	0	0	0	OK NORMAL
8	0	0	0	OK NORMAL
9	0	0	0	OK NORMAL
10	0	0	0	OK NORMAL
11	0	0	0	OK NORMAL
12	0	0	0	OK NORMAL
13	0	0	0	OK NORMAL
14	0	0	0	OK NORMAL
15	0	0	0	OK NORMAL
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17	0	0	0	OK NORMAL
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96	0	0	0	OK NORMAL
97	0	0	0	OK NORMAL
98	0	0	0	OK NORMAL
99	0	0	0	OK NORMAL
100	0	0	0	OK NORMAL

TESTING



TEST PARAMETER	TEST
101 SHOOTING VOLTAGE	5000V
102 DIFFERENTIAL AMPLITUDE	100V
103 FILTER VALUE	100V
104 SHOOTING CAPACITANCE	100V
105 CORONA VOLTAGE	100V

FILE NAME

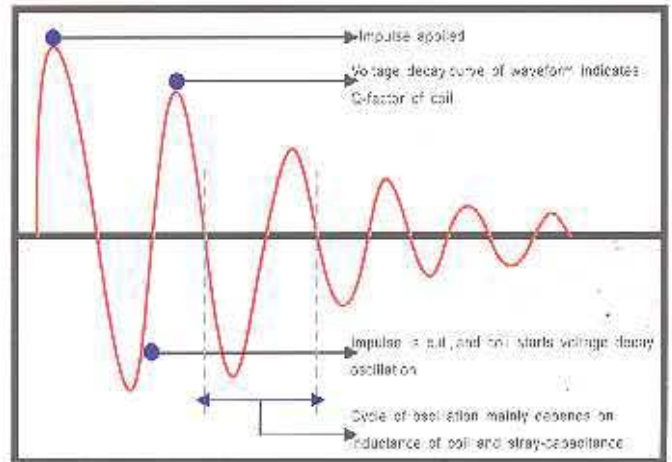


Easy to Use, Powerful detection capability.

Early detection of component faults is a key feature of 7700/7720. The 7700/7720 has been designed with ease of use with a large visual display, graphical format and straightforward intuitive operation. The 7700/7720 provides all capabilities for testing at a very attractive price.

PRODUCT FEATURES

- Ultra high 5000V testing voltage
- Non-Destructive analysis of winding
- Chinese / English language version
- Full programming sequence test



SPECIFICATION

Test Functions

Area Size Comparison
Difference Area Comparison
Waveform Comparison
Flutter Value

Impulse Voltage

200-5000V Programmable
±2% Accuracy

Measurement Time

50ms Basic

Test Channel

7700 2-Channels
7720 8-Channels (Programmable)

Display and Sound

320x240 Resolution Graphic LCD
Pass / Fail LED Indicator
Internal Speaker

I / O Interface

Remote Control Port
RS-232 Port
Printer Port

Memory

7700 200 Waveform Files
7720 80 Waveform Files

Power Supply

115 / 230 Vac ±10% Switchable
60 / 50 Hz

Accessory

7700 2-Terminal Alligator Clips
7720 8-Terminal Alligator Clips
Remote Control Cable
Power Cord
User's Guide

Accessory

0°C - 40°C
Rh ≤ 75%

Dimension (WxHxD)

7700 435x130x525 mm
7720 435x180x525 mm

Weight

7700 8 Kgs
7720 9 Kgs

- Easy to Use, One button go, no go testing
- Versatile I/O ports for application
- Test statistics and print function
- Multi-Channel test capability



**Wayne Kerr
Electronics**

USA

Wayne Kerr Electronics
165L New Boston Street
Woburn, MA 01801
Tel : +1 781 938 8380
Fax : +1 781 933 9523
email : sales@waynekerr.com
www.waynekerrusa.com

UK

Vinnetrow Business Park
Vinnetrow Road, Runcton, Chichester
West Sussex PO20 1QH
Tel : +44 1243 792200
Fax : +44 1243 792201
email : sales@wayne-kerr.co.uk
www.waynekerrtest.com

ASIA

14F-6, No.79, Hsin Tai Wu Road,
Sec.1, Hsi-Chih City, Taipei 221,
Taiwan, R.O.C
Tel : 886 2 2698 3877
Fax : 886 2 2698 4088
email : sales@m-crotest.com.tw
www.waynekerrtest.com

Distributors worldwide contact UK Office