

Capacitor Discharge Tester / research

CDT-240

FAST

SAFE

RELIABLE



Distributed By:
Signal Test, Inc
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SIGNAL TEST
New & Used Test Equipment

CAPACITOR DISCHARGE TESTER [CDT]

Model CDT-240; 60 - 240 Vrms 50/60 Hz 8A Capacitor discharge Tester.

The CDT-240 Designed to implement the plug discharge test describe in IEC 61010, 60065, 60335 and 60950.

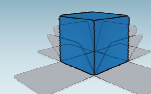
Easy to use and configure, one button test internal frequency meter circuit disconnects input test voltage at positive or Negative Voltage Peak

Features

- AC Test Voltage Range: 60-240 Vrms.
- Microcontroller Technology, one button test, easy to setup, LCD Display indicate test progress.
- Maximum Test Current 8A
- Wonpro output connector.
- Two reference Test Selectable (Ground-Neutral).
- 100 M Ω 100:1 Probe Built In.
- Ergonomically designed for safety, speed and efficiency.
- Designed for product development, production and laboratory use.
- Rugged construction that can withstand a 6" drop with no damage.
- Cables, manual and calibration certificate included.
- One year calibration cycle.
- One year warranty.

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(800) 748-6224



COMPLIANCE WEST USA
The blue box that tests. And tests.

Specifications

Voltage Test Type:	AC
Maximum Test Voltage:	50 – 240 Vrms
Maximum Test Current:	0 – 8 A
Input Voltage:	110 – 240 V
Frequency:	50/60 Hz
Fuse:	120/230 VAC 2 A Slow Blow
Probe Impedance	> 100 MΩ
Test Time Range:	0.5 – 99.9 Seconds
Test Time Accuracy	± 10 mS
Displays:	3 x 16 LCD Display
Voltage Meter Accuracy:	± 1 %
Repeatability	± 1 V
Duty Cycle:	100 %
Operation Temperature:	15 - 40 °C
Relative Humidity Range:	0 - 90 % Non-Condensing

General

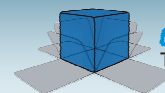
Dimensions:	9-1/4 " Wide x 4-3/4" High x 10" Deep.
Weight:	5.8 Lbs
Product Package:	CDT-240 Tester CDT-240 Product Manual 18 AWG Test Lead (Black) 3 Alligator Clips (Black, Red and Green) NIST Traceable Calibration Certificate to MIL-STD45662-A

Options

(XI) Safety Interlock:	Two position terminal block on rear panel must be shorted for high voltage operation.
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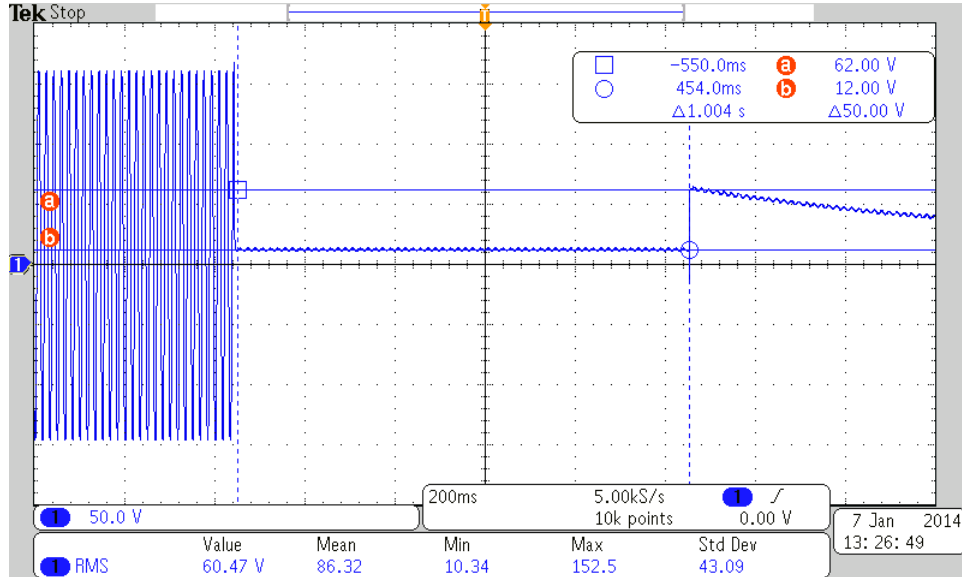
Safety

Visual Indicator of Voltage Output:	Provided by front panel Display, directly connected to voltage output.
Failure Indicator:	None



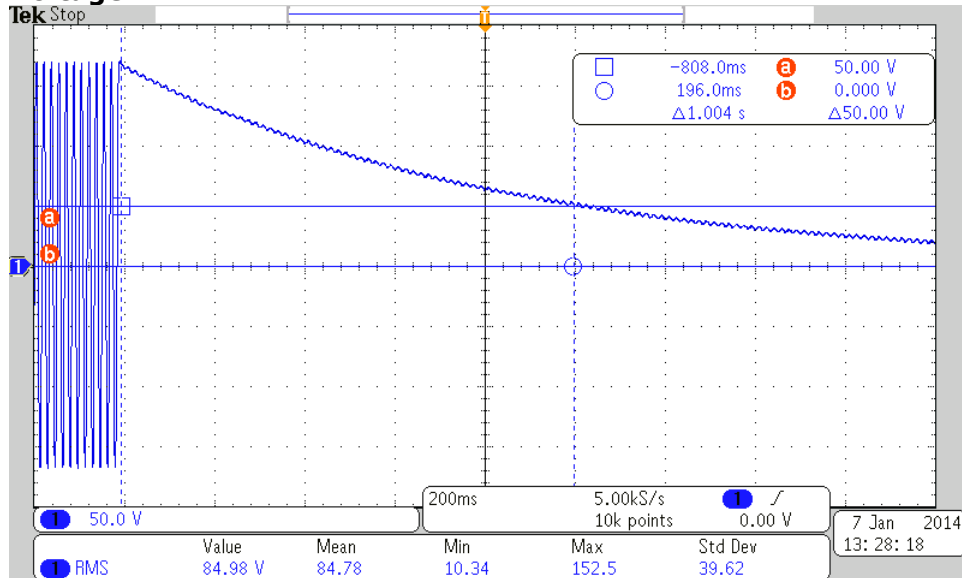
Test Specifications

Test Over Time



Disconnects the Test Voltage and EUT At Voltage Peak
After Setting Time, Connects the EUT and Shows the Maximum Voltage

Test Over Voltage



Disconnect the Test Voltage at Voltage Peak (100 MΩ Probe is connected during this test)
After reach Setting Voltage, Shows the time elapsed.

