

Capacitor Discharge Tester



CDT-240

↘ FAST

↘ ACCURATE

↘ FLEXIBLE



↘ CAPACITOR DISCHARGE TESTER [CDT]

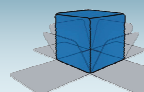
Accurate test results within seconds

Designed with presets to implement the plug discharge test described in IEC 61010, 60065 and 60335

Easy to configure one button test

↘ Features

- Accurate
- Disconnects input test voltage at positive or negative peak
- Microcontroller Technology, one button test, easy to setup, LCD Display indicate test result
- Maximum Rated Test Current 8A, 16A optional
- 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 warranty



Specifications

TESTING CIRCUITRY

Minimum / Maximum Test Voltage	90 / 264 Vrms
Maximum Test Current	8 A, 16A available when order extra option PN: 00-CDT-16A
Fuse	10A, 250V, time delay, 1-¼" x ¼"
Probe Impedance	> 100 MΩ, < 25pF
AC Peak Detection Accuracy	EUT disconnect within 5% of supply voltage peak
Test Time Range	0.5 – 10.0 Seconds
Voltage Setting Range	+/-30 to 388V
Voltage Setting Resolution	1V
Test Time Accuracy	+/- 5%
Voltage Meter Accuracy	+/- 2% of reading +/-0.8V
Frequency	50-60Hz

ELECTRICAL

Rated Input Voltage	110-240 V
Frequency	50/60 Hz
Fuse	2 A, 250V, time delay, 5 x 20 mm

ENVIRONMENTAL

Operation Temperature	15 - 40 °C
Relative Humidity Range	0 – 90 % Non-Condensing

SAFETY

(XI) Safety Interlock	2 pin terminal block on rear panel, shorted for tester operation
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GENERAL

Dimensions	9-1/4" Wide x 4-3/4" High x 10" Deep
Weight	5.8 lbs.

BNC OUTPUT

Referenced to ground, 100:1 of measured voltage
(L-N, L-G, N-G) +/-2%

