

## CLEARTEST® TRANSFORMER TESTER



Visual Indication of  
Open Circuits, Short  
Circuits, Shorted  
Turns or Windings

Strong Magnets Built  
into Bag and Tester

Heavy-Duty  
Carrying Bag  
for Maximum  
Tool Protection

Single Test Button



CT 300



### FEATURES

- Quickly tests deenergized power distribution transformers
- Briefly energizes the transformer and takes a snapshot of the condition by measuring the voltage, current and power factor of the test signal
- Tests overhead, pad-mount and distribution transformers
- Audible alarm confirms successful test
- Improve SAIDI statistics by quickly testing and getting the transformer back in service
- Auto self-test performed with every test
- Compact, lightweight and easy-to-use

### SPECIFICATIONS

Short	Power factor <0.3 to 0.5, current dependent
Open	Current <10µA
Transformer OK	Power factor ≥ 0.3 to 0.5, current dependent
Operating Frequency	50/60Hz
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Battery	(2) 9V field replaceable lithium or alkaline batteries
Weight	1.6 lb (0.72 kg)
Dimensions	7.8" L x 4" W x 2.3" H (19.5 cm x 10.1 cm x 5.9 cm)

CAT. NO.	UPC. NO.	DESCRIPTION
CT-300	783310556961	ClearTest Transformer Tester; Includes B-9 Carrying Bag
B-9	783310557029	Red Carrying Bag with Window and Two Magnets
B-2	783310055600	Optional Padded, Zippered Carrying Bag with Strap

# TILT TRANSFORMER TESTERS



## FEATURES

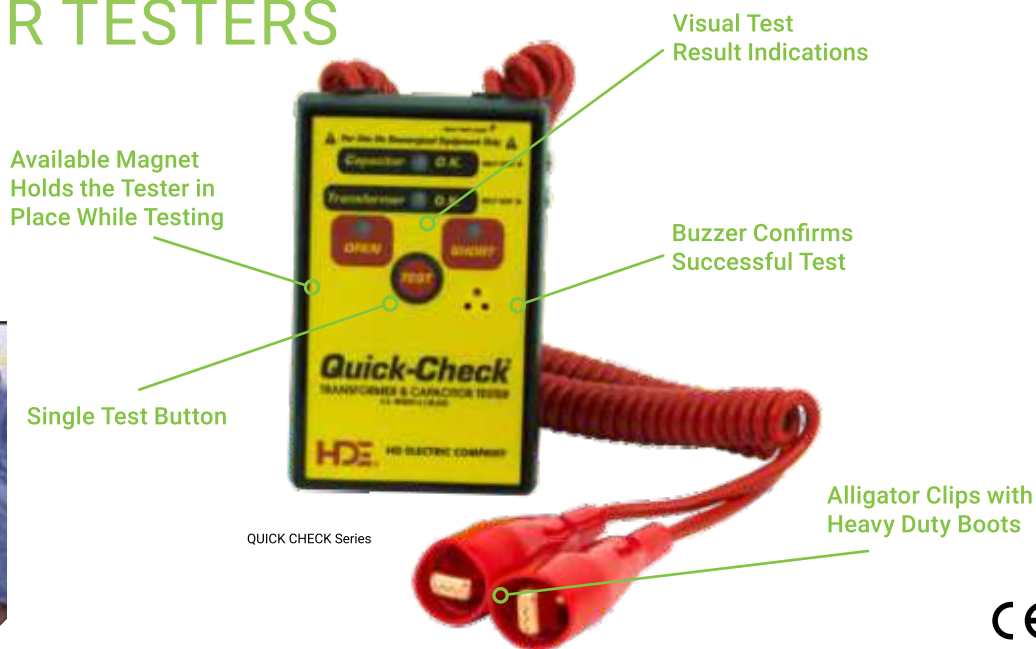
- Quick and easy check for opens or shorts on transformers before energizing
- Provides clear indications of open circuits, short connections and confirmation that the test results are OK
- Tests overhead, pad mount and other distribution transformers
- Tests the primary and secondary sides of de-energized transformers without disconnecting
- Helps prevent line workers from installing a fuse on a shorted transformer

## SPECIFICATIONS

Output Voltage	6VDC maximum pulsed at 50Hz nominal
Short	≤ 10Ω, varies with battery voltage
Open	≥ 10Ω, varies with battery voltage
Transformer OK	Minimum inductance 800μH
Operating Frequency	50/60Hz
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Battery	9V field replaceable lithium or alkaline battery
Weight	TILT II: 1 lb 1 oz (0.47 kg) TILT II with magnet: 1 lb 2 oz (0.51 kg)
Dimensions	5.7" L x 3.6" W x 1.2" H (14.5 cm x 9.1 cm x 3.0 cm)
Test Lead Length	21" (53.34 cm) retracted, 54" (137.16 cm) fully extended

CAT. NO.	UPC. NO.	DESCRIPTION
TL-MAN-N	783310081043	TILT II Transformer Tester with Manual Self-Test; Includes B-8 Bag
TL-MAN-M	783310556978	TILT II Transformer Tester with Manual Self-Test and Magnet; Includes B-8 Bag
TL-AST-N	783310556985	TILT II Transformer Tester with Automatic Self-Test; Includes B-8 Bag
TL-AST-M	783310556992	TILT II Transformer Tester with Automatic Self-Test and Magnet; Includes B-8 Bag
B-8	783310557036	Replacement Padded Carrying Bag

## QUICK CHECK® TRANSFORMER & CAPACITOR TESTERS



QUICK CHECK Series



### FEATURES

- Quick and easy check for opens or shorts on transformers or capacitors before energizing
- Provides clear indications of open circuits, short connections and confirmation that the test results are OK
- Tests overhead, pad mount and other distribution transformers as well as capacitors and capacitor banks
- Tests the primary and secondary sides of de energized transformers and capacitors without disconnecting
- Helps prevent line workers from installing a fuse on a shorted transformer or capacitor

### SPECIFICATIONS

Output Voltage	6VDC maximum pulsed at 50Hz nominal
Short	≤ 10Ω, varies with battery voltage
Open	≥ 10Ω, varies with battery voltage
Transformer OK	Minimum inductance 800μH
Capacitor OK	Minimum capacitance 0.5μf Maximum capacitance 300μf
Operating Frequency	50/60Hz
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Battery	9V field replaceable lithium or alkaline battery
Weight	Quick-Check: 1 lb 1 oz (0.47 kg) Quick-Check with magnet: 1 lb 2 oz (0.51 kg)
Dimensions	5.7" L x 3.6" W x 1.2" H (14.5 cm x 9.1 cm x 3.0 cm)
Test Lead Length	21" (53.34 cm) retracted, 54" (137.16 cm) fully extended

CAT. NO.	UPC. NO.	DESCRIPTION
QC-MAN-N	783310081050	Quick-Check Transformer & Capacitor Tester with Manual Self-Test; Includes B-8 Bag
QC-MAN-M	783310557005	Quick-Check Transformer & Capacitor Tester with Manual Self-Test and Magnet; Includes B-8 Bag
QC-AST-N	783310557012	Quick-Check Transformer & Capacitor Tester with Automatic Self-Test; Includes B-8 Bag
QC-AST-M	783310628422	Quick-Check Transformer & Capacitor Tester with Automatic Self-Test and Magnet; Includes B-8 Bag
B-8	783310557036	Replacement Padded Carrying Bag

# CAP CHECK® SUBSTATION CAPACITOR TESTER



## FEATURES

- Self contained substation capacitor bank testing solution
- Quickly and easily test capacitor banks for incipient faults, failures and ruptures without disconnecting individual capacitor
- A valuable asset in maintaining substation capacitor banks
- Determines the true internal condition of capacitors by impressing voltage across each capacitor
- Maintenance tool for substation capacitor banks to test for good, bad or failing capacitors

## SPECIFICATIONS

Power Required	120V, 50/60Hz, 20 amps
Maximum Current Output	13 amps
Operating Frequency	60Hz (50Hz available)
Operating Temperature Range	-25°F to +125°F (-32°C to +50°C)
Weight	122 lb (55 kg)
Dimensions	36" L x 18" W x 15" H (90 cm x 45 cm x 37.5 cm)
Sectional Hot Stick Length	24' L (7.2 m)
Cordage Length	50' L (15 m) each cord

## ACCESSORIES

### Current Transformers



CT002

CT004

CAT. NO.	UPC. NO.	DESCRIPTION
CC-II/100	783310556893	Substation Capacitor Checker – Carrying Case Version, Includes CT002 2" CT, Energizing Cord, Power Supply Cord and Ground Cord
CT002	783310556923	2" Current Transformer with Plug, Cord and Hot Stick Adapter
CT004	783310556947	4" Current Transformer with Plug, Cord and Hot Stick Adapter



# CAP CHECK® PORTABLE CAPACITOR TESTER



## FEATURES

- Portable, self-contained capacitor testing solution
- Quickly test pole mounted or individual capacitors for incipient faults, failures and ruptures without disconnecting
- Determine the internal condition of capacitors by impressing voltage across each capacitor
- Portable unit speeds testing

## SPECIFICATIONS

Power Required	120V, 50/60Hz, 2 amps
Maximum Current Output	2 amps
Operating Frequency	60Hz (50Hz available)
Operating Temperature Range	-25°F to +125°F (-32°C to +50°C)
Weight	45 lb (20 kg)
Dimensions	11" L x 13" W x 19" H (27.5 cm x 32.5 cm x 47.5 cm)
Cordage Length	12' L (3.6 m) each cord

### ACCESSORIES

#### Current Transformers

	
CT002/III	CT004/III

CAT. NO.	UPC. NO.	DESCRIPTION
CC-III/K01	783310556909	Distribution/Substation Capacitor Checker – Portable Version, Includes CT002/III 2" CT
CC-III	783310556916	Distribution/Substation Capacitor Checker – Portable Version, CT Sold Separately
CT002/III	783310556930	2" Current Transformer with Plug and Cord
CT004/III	783310556954	4" Current Transformer with Plug and Cord