



Static Solutions®  
**Ohm-Stat™ CT-8700**  
 Combination Tester with Software

# Fast, Foolproof & Saves!

Provides complete testing of heel straps/shoes and wrist straps simultaneously and independently!

*Test each foot and wrist in **ONE** test! No changing of switch position.  
 Adjustable limits. Conform to EOS and European standards.*

- **Unique**-Tests, measures, wrist strap (smocks) and foot grounder data individually and simultaneously. The meter displays pass-fail set to specifications with LED's and a buzzer
- **Universal**- Conforms to both US 20/20 and European EN, DIN standards and specifications. Accepts domestic and foreign wrist straps, plugs, 4mm or 10 mm snaps and dual stereo plugs.
- **User Friendly**- Red LED and buzzer signifies a failed system. Green LED signifies a passed system. Yellow LED signifies a low battery.
- **Electrical Limits**-High: 2M, 5M, 10M, 35M, 50M, 75M, 1000M (special order.) Low: 0M (special), 500k, 750k. ohms.
- **Dual Power**- 9 volt battery , or 110 or 220 volts AC to 9 v. DC power adapter. UL-CSA listed.
- **Safety**- Safety tests at a true 19 volts.
- **NIST traceable**- Each meter is calibrated to NIST standards.
- **Quality**- Made in USA. Stainless steel power switch and footplates will not oxidize.
- **Versatile**- Mounts to walls, work stations, or foot stand. Portable for field service applications. Can even open door as an accessory
- **Warranty**-One year.
- **Compact**- Small size, light weight.
- **Footplate**-Dual stainless steel foot plates.

## Press Pass, Fail or Retest



Attache wrist strap, step on dual plate and press metal button.

- **CE Approved**- Conforms to strict European standards.
- **Footstand**- Powder coated industrial foot stand available or just attach to wall.
- **Ohm-Stat CT-8900** For a full computerized product see the CT-8900 on [www.staticsolutions.com](http://www.staticsolutions.com)

Static Solutions, Inc.

## Description

User friendly, precision engineered combination tester with a full year warranty.

The Ohm-Stat™ CT-8700 measures the electrical resistance of each foot and wrist strap simultaneously and individually. The limits are adjustable. Just test and then sign log books

This data can help conform your company to 20/20 specifications or ISO conformance. Speed up testing, eliminate incorrect tests, and media part rejects.

## CT-8700 Combo Tester and Software Properties/Benefits

- ISO -9000 conformance- test and sign log
- One button will test each foot and wrist individually and simultaneously. All in three seconds.
- Results are accurate-conform to CEEC and EOS specifications
- Resistances displayed on LED and buzzer
- Tests performed at 19 volts – not competitive 9 volts.
- Available with heavy duty stand or wall attachment
- Conforms to both US and European CE specifications.
- AC -120 volts, 220 volts or DC -9 volt battery operated
- Made in the U.S.A.
- Available with stand or wall mountable.
- Value pricing
- Can open doors as an upgrade
- NIST certificate included

### Applications:

Ohm-Stat CT-8700 Combo-Tester is designed to accurately test a worker's ESD grounding system in static sensitive environments. These systems include wrist straps, smocks, and mobile heel/toe grounders/shoes. Applications include: engineering, maintenance, quality control, incoming inspection, manufacturing, and employee training. The CT-8700 is used in the following industries: chemical, electronics, printing, defense, photographic, and automotive. Due to its small size and AC/DC options, the CT-8700 is portable and therefore may be either permanently or temporarily wall mounted or used with the optional grade foot stand.

## Specifications:

Dimensions	4.0 in. wide x 7.5 in. long x 1.5 in. thick (9.5 cm x 15.24 cm x 3.8 cm)
Power Supply	9 volt battery (IEC6F22) or 12 volt DC adapter
Test Voltage	19 volts DC +/- (open circuit)
Accuracy	+/- 10%
Resistance Ranges	Wrist Strap: Low: 500k, 750k ohms; High: 2M, 5M, 10M, 25M, 35M, 50M, 75M, 100M, (1000M-Optional) Heel/Toe/Shoe: Low: 500k, 750k ohms; High: 2M, 5M, 10M, 25M, 75M, 100M, (1000M-Optional) Internally selectable.
Foot Plate	Dimensions: 15.75 in. x 15.75 in pad (40 cm x 40 cm) featuring two 6 in. x 14 in. stainless steel plates (15.2 cm x 35.6 cm), dual path. Weight: 2.2 lbs. (1 kg.)
Wall Mounting	Hook and loop high strength discs and strips
Display	Red and green LEDs, high dB buzzer, computer monitor (optional)
Features	Dual path foot plate, toggle switch selector, NIST/CECC limits, micro-processor controlled. Made in U.S.A. High accuracy
Environment	32° - 100° F (0° - 37° C) : 0% - 85% RH

Warranty: Static Solutions, Inc. expressly warrants that for a period of (1) one year from the date of purchase any Static Solutions, Inc. product will be free of defects in materials and will function within its specifications. Within the warranty period, the product will be repaired or replaced at Static Solutions, Inc.'s option with no cost to the customer as long as Static Solutions, Inc. receives notice during the warranty period. Defective products must be shipped prepaid to Static Solutions, Inc.'s factory. Call Static Solutions, Inc. customer service at 508-480-0700 for a return authorization number. Include a copy of the invoice, packing slip, or other proof of purchase.

Warranty Exclusion: The foregoing express warranty is made in lieu of other product warranties express and implied, including merchantability and fitness for a particular purpose which are specifically or indirectly disclaimed. The express warranty will not apply to defects or damage due to neglect, misuse, accidents, alterations, operator error, failure to properly maintain, follow instruction, or failure to clean or repair products.

Limit of Warranty: In no event will Static Solutions, Inc. or seller be responsible or liable for special, incidental or consequential losses or damages, whether based on tort, contract, or the use of or inability to use, the product. Before using the product users shall determine the suitability of the product for their intended use. The users assume all risk and liability whatsoever in connection therewith. Fulfillment of Static Solutions, Inc.'s warranty obligations will be the customer's exclusive remedy and Static Solutions, Inc. and seller's limit of liability for any breach of warranty or otherwise.

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 Please call us at 508.480.0700  
 or log on to our website, [www.staticsolutions.com](http://www.staticsolutions.com),  
 or [www.staticsolutions.co.uk](http://www.staticsolutions.co.uk) to find your local distributor.

For additional OHM-STAT™ product literature,  
 call or fax the Static Solutions, Inc. sales department

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