

## MasterTEST® Hand-Held Tester

### For Select®2, TransGuard® and EGPE2® Products

#### Features and benefits

- Easy to operate
- Senses percentage of protection available
- Monitors neutral-to-ground voltage and current
- Checks RFI/EMI filter capacitors
- Checks selenium elements (Select®2, products only)

The Current Technology® MasterTEST® unit is an economical, hand-held device that performs off-line evaluation of the Current Technology Select®2, TransGuard® and EGPE2® suppression filter systems and helps validate neutral-to-ground integrity. MasterTEST examines and reports these critical conditions on its large LCD display.

**% Protection Available Sensing:** MasterTEST senses and displays the available surge protection for each phase. With microprocessor-based circuitry, MasterTEST analyzes each hybrid element fuse, calculates the amount of protection still active in the circuit and displays this value as a percentage of total protection. This assures the operator that critical loads are fully and safely protected with a failure-free device. Unlike passive monitoring systems that provide "all or nothing" post-event data, MasterTEST provides analysis of the percent of protection so the true status of the suppression filter system is known. This feature monitors the status of the metal oxide varistors (MOVs), filter capacitors and selenium cells (Select®2 products only).



MasterTEST is a multi-featured, easy-to-use tester that connects to the surge suppression device to perform off-line system testing.

**Neutral-to-Ground Voltage and Current Sensing:** The RMS voltage measured across the neutral and ground alerts the operator of a possible neutral-to-ground bonding problem or an asymmetrical load within the distribution system. Current detected on the ground conductor could indicate excessive leakage through the suppressor's neutral-to-ground path – a better indication of neutral-to-ground MOV degradation. MasterTEST neutral-to-ground voltage and current sensing features are invaluable tools for monitoring the overall well-being of a distribution system.



**Current Technology®**

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## Warranty Statement

### Standard Warranty

Current Technology warrants that your Current Technology surge protective device (the "Product"), shall meet applicable industry standards and specifications and be free from defects in materials and/or workmanship. Should any failure of the Product to conform to this warranty appear within the standard warranty period, Current Technology shall either repair or replace the defective Product, or part thereof, upon return to Current Technology manufacturing facility in Richmond, Virginia with transportation charges pre-paid. The applicable warranty period is outlined below in the warranty period section.

### MasterPlan® Extended Warranty

The warranty period is extended to twenty (20) years if the Product meets all of the following criteria:

- a) The product is purchased simultaneously with a Select 2 selenium-enhanced SL2-300, SL2-250 or SL2-200 suppression filter system and
- b) the product is installed simultaneously with a Select 2 selenium-enhanced SL2-300, SL2-250 or SL2-200 suppression filter system and
- c) the product is installed electrically downstream from a Select 2 selenium-enhanced SL2-300, SL2-250 or SL2-200 suppression filter system.

Current Technology shall have no liability under this warranty for any problems or defects directly or indirectly caused by misuse of the Product, alteration of the Product (including removal of any warning labels), accidents, or improper installation, application, operation, or repair of the Product.

The liability of Current Technology under this warranty is expressly limited to the replacement or repair of the defective part thereof, at Current Technology sole option.

IN NO EVENT SHALL CURRENT TECHNOLOGY BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND OR CHARACTER, NOR SHALL CURRENT TECHNOLOGY' LIABILITY EVER EXCEED THE PURCHASE PRICE PAID FOR SUCH DEFECTIVE PRODUCT.

This warranty is not transferable and may only be enforced by the sole purchaser. Claims under this warranty must be submitted to Current Technology within thirty (30) days of discovery of any Current Technology product defect.

### WARRANTY PERIOD

	Standard	MasterPlan®
Select2	20 Years	—
Select Compact	15 Years	20 Years
HPI	20 Years	20 Years
TransGuard	15 Years	20 Years
CurrentGuard Plus	15 Years	20 Years
CurrentGuard	10 Years	20 Years
CurrentGuard Compact	10 Years	20 Years
Electronic Grade Panelboards		
EGPE2	10 Years	20 Years
TransEnd	5 Years	20 Years
LoadGuard	5 Years	20 Years
Monitoring & Diagnostic Tools	5 Years	20 Years



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