

## OHM Metrics™ Combo Tester GTS900K Deluxe ESD Tester

### GTS900K Deluxe ESD Wrist Strap/Footwear Tester is a Durable, Dependable Tester

The GTS900K combo tester is a three-state touch tester designed for fast and accurate testing of ESD ground devices. The GTS900K incorporates a unique split test circuit design and molded foot plate which allows for simultaneous and independent testing of footwear. This tester fully supports the "Compliance Verification Plan" requirements as stated in the ANSI ESD S20.20.

Audible and visible alarms are triggered if the wrist straps resistance exceeds 35 megohm and footwear exceed 100megohm (factory default). Low resistance of 750K for both wrist strap and footwear can also trigger an alarm event. This ensures that your ESD grounding devices are working properly and meeting industry requirements.

The GTS900K is factory calibrate and fixed - annual calibration is not necessary. Comes with Calibration certificate. Use the CAL1000 device to periodically verify that the tester is in proper working order.

Meets or exceeds the requirements of international standards such as ANSI/ESD S20.20-2007 or IEC61340-2007.

#### Applications:

The GTS900K tests the functioning of ESD personal grounding equipment such as ESD shoes, heel grounders and wrist straps. Testing ESD grounding equipment is an integral part of a complete ESD program.

This document is prepared for our customers as a service, and is to the best of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.



### Features

- Tests Wrist Straps and Footwear (Left and Right Feet Independently)
- LEDs and Audible Sound Indicate Test Results
- Battery Powered So It Is Not Location Restricted - Low Battery Signal
- Test Limits Meet USA and European Standards Audible and Visual Alarms
- Durable, Solid Metal Construction
- Factory Calibrated and Fixed - Ships with Calibration Certificate

## OHM Metrics™ GTS900K

### Verification and Calibration

The GTS900K is factory calibrated and annual calibration is not necessary. Verification tools that simulate a functional and non-functional wrist straps/footwear are available to verify that the monitor is functional. It is recommended to verify proper working order with the [CAL1000 periodic verification unit](#) at least once per year.

### Mounting Options

The GTS900K is a freestanding tester which includes the testing device, footplate and pedestal stand. The unit can also be mounted to a wall.



### Model GTS900K

#### Test Modes

#### Power:

#### Temperature limits:

#### Adjustments:

#### Test Button:

#### Alarm Limits

#### Wrist Strap

**Low Resistance:** 750K

**High Resistance:** 10M

#### Footwear Resistance:

**Low Resistance:** 750K

**High Resistance:** 100M

#### Tolerance:

+/-20% for <100M

+/- 25% for >100M

#### Product Numbers

#### GTS900K

Tester Kit: Monitor, Footplate, Stand

#### GTS900

Monitor and Footplate Only

#### GTS900M

Monitor Only

#### GTS900SD

Pedestal Stand Only

#### GTS900FP

Footplate Only

#### CAL1000

Periodic Verification Unit

### Specifications

Wrist Strap, Footwear, or Both  
Wrist And Foot Simultaneously

9 Volt Battery

50° F (10°C) to 122° F (50°C)

No serviceable components;  
see periodic verification tools

Ergonomic Metal Plate

### About Transforming Technologies

Since 1998, Transforming Technologies has helped electronic manufacturing facilities to protect their products and processes from the many serious problems associated with static electricity.

Transforming Technologies offers a wide range of unique and outstanding products to detect, protect, eliminate and monitor electrostatic charges. Our products are integral components of an effective static control program.



# TRANSFORMING TECHNOLOGIES

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