



### COMBO TESTER

- 19250 Combo Tester, 9 Volt Battery, NIST Calibrated
- 19252 Combo Tester with Stand, NIST Calibrated
- 19253 Combo Tester with Footplate, NIST Calibrated
- 98273 Footplate for Combo Tester  
(includes molded footplate and ground cord)
- 98254 Stand for Combo Tester  
(includes stainless steel stand and pedestal)
- 98256 AC Adapter, 120V

- **Dual test circuits**  
*Versatile, can test footwear or wrist straps*
- **Positive rocker switch actuation**  
*Reliably changes test mode*
- **Redesigned test button**  
*Rugged and reliable operation*
- **LED's display test results**  
*Simple operation with clear test results*
- **Red light and audible alarm**  
*Indicates that circuit resistance is too high or too low*
- **Battery powered with low-battery indicator**  
*Provides early warning to replace battery*
- **Wrist Strap Range: 750 Kiloohms - 10 Megohms**
- **Footwear Range: 750 Kiloohms - 100 Megohms**
- **Made in America**

Technical Bulletin TB-2040



19250



19252



19253

### TOUCH TESTER

- 19350 Touch Tester, 120 Volt, NIST Calibrated
- 19351 Touch Tester, 220 Volt, NIST Calibrated
- 98256 AC Adapter, 120V

- **Connects to utility ground when plugged in**  
*Quick, easy installation and grounding of both wrist straps and table mats.*
- **Tests entire circuit - wrist strap, cord and skin contact**  
*Reliable resistance test*
- **Acts as common point ground for the worksurface**  
*No other ground cords needed*
- **Test performed during normal use at workstation**  
*Improved productivity, workers test without having to leave the workstation*
- **Range: 750 Kiloohms - 10 Megohms**
- **Made in America**

Technical Bulletin TB-2004



19350



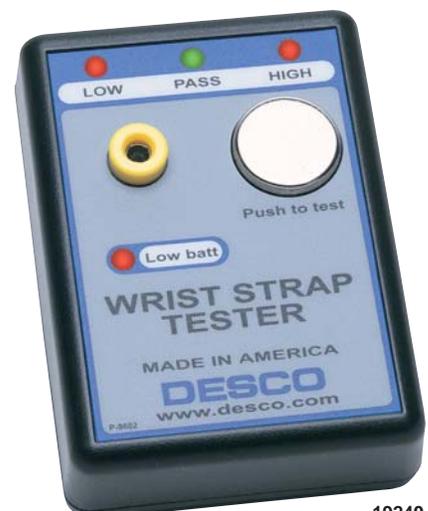
### WRIST STRAP TESTER

- 19240 Touch Tester, 9 VDC, NIST Calibrated

- **For use with single wire wrist straps**
- **Battery Powered 9 volt Tester**  
*No Adapter Needed*
- **Test results include Fail Low, Pass, and Fail High**  
*If wrist strap fails, the operator will know if the failure is too high or too low*
- **Test can be performed during normal use at the workstation**  
*Improved productivity, workers can test without having to leave the workstation*
- **Provided with calibration to NIST traceable standards**  
*Simple means to assure accurate performance; lower calibration life cycle costs*
- **Portable small package**  
*Supervisor can use to spot check users on shop floor*
- **Range: 800 Kiloohms - 10 Megohms**
- **Made in America**

Technical Bulletin TB-3017

For detailed information on all Desco test equipment:  
[www.desco.com/catalog](http://www.desco.com/catalog)



19240





# DESCO

## TEST EQUIPMENT

### SURFACE RESISTANCE TEST KIT

- 19780 Surface Resistance Test Kit
- 19781 Meter and Resistivity Attachment
- 19782 Resistivity Attachment
- 50003 Five Pound Electrodes (set of 2)
- 19783 Leads for Electrodes (set of 2)

- **Accurately measures RTT, RTG, or Resistivity (requires Item 19782) for quick checks, factory audits, or test lab evaluation of product**  
Versatile tool measuring surface resistance as exponent number illuminates immediately, but designed to measure for full 15 second electrification period and exceeds accuracy requirements of ESD S4.1
- **Meter measures ambient temperature and relative humidity**  
Available when required for test records
- **Color coded LED and digital LCD read-out**  
Easy to read, no interpretation needed; can easily be used for quick go/no go checks
- **Automatic Test Range Voltage Selection**  
In accordance with ESD Association standard, meter will test at 10 volts and automatically switch to 100 volts if over  $10^5$  ohms
- **Surface resistance exponent always displayed if test button is depressed**  
Quickly and continuously provides exponent of resistance measurement which is often all that is required for quick checks or factory periodic tests
- **LED identifies function and type of measurement displayed by LCD**  
Over electrification period cycles through temperature in °F then °C, then Relative Humidity, and then mantissa of resistance
- **1\_\_\_ on the LCD displays indicates Overrange**  
Quickly identify insulative surfaces as the reading exceeds the display capabilities
- **Meter Weight: 15.5 oz.**
- **Dimensions: 8" L x 4.3" W x 1.6" H**
- **Power Supply: Two AA alkaline batteries**
- **Made in America**



19780



19782

For detailed information on all Desco test equipment:  
[www.desco.com/catalog](http://www.desco.com/catalog)

Technical Bulletin TB-3014

### μMEG™ POCKET MEGOHMMETER

19635 Minimeg Tester, NIST Calibrated

- **Small, convenient pocket-size**  
Perfect for fast spot-checking of dissipative and conductive surfaces
- **Replaceable 9 volt battery**  
Easy operator replacement
- **Cable for resistance-to-ground measurements is included**  
Unit is able to measure resistance-to-ground (RTG)
- **Surface Resistivity: Range to  $10^{10}$  Ohms**
- **Surface-to-Ground Resistance (RTG): Range to  $10^9$  Ohms**
- **Made in America**

Technical Bulletin TB-2083



19635

"Test equipment shall be selected to make measurements of appropriate properties of the technical requirements that are incorporated into the ESD program plan." (ANSI/ESD S20.20 paragraph 6.1.3.1 Compliance Verification Plan Requirement)





### DIGITAL FIELD METER

19445 Digital Static Field Meter, NIST Calibrated

- **Portable static locator**  
*Effective problem solving tool*
- **Optical distance indicator**  
*Ensures accuracy and repeatability*
- **"Hold" button**  
*Allows the measurements to be retained for easy reading*
- **Auto-ranging**  
*Easy to use and operate, no adjustments*
- **LCD display**  
*Easy to read; no interpretation necessary*
- **Auto zero**  
*Easy to zero for greater accuracy*
- **Displays "STOP" when voltage exceeds 20kV**  
*Important safety feature*
- **Made in America**

Technical Bulletin TB-2070



19445

### IONIZATION TEST KIT

19447 Complete Ionization Test Kit, NIST Calibrated  
(Includes 19445 Meter, Plate, Charger & Case)

- **Designed to perform periodic verification of air ionizers in accordance with ESD-SP3.3**  
*Charger quickly places 1,000 Volt charge on plate*
- **Just place in ionizer air flow to observe charge neutralized from plate**  
*Cost effective way to verify charge decay and balance of ionization equipment*
- **Economical choice when Charged Plate Analyzer testing per ESDS3.1 is not required**  
*Does it all except measure charge decay time, which can be accomplished by counting or utilizing a stop watch*
- **Made in America**

Technical Bulletin TB-2071



19447

For detailed information on all Desco test equipment:  
[www.desco.com/catalog](http://www.desco.com/catalog)

Test Desco Ionizers with the Test Equipment Shown on this Page





### TESTER CALIBRATION UNIT

07010 Calibration Unit

- **Passive device**  
No power source required
- **NIST traceable**  
Allows in-house NIST traceable calibration
- **Wrist strap test range: 750K-10M**
- **Foot ground test range: 750K-100M**
- **Made in America**

Technical Bulletin TB-2039

**NOTE:** The 07010 can be used with the Desco 19250, 19252, 19253, 19350, 19351, and 19240

For detailed information on  
all Desco test equipment:  
[www.desco.com/catalog](http://www.desco.com/catalog)



07010

### AC OUTLET ANALYZER AND WRIST STRAP TESTER

98130 AC Outlet Analyzer & Wrist Strap Tester, NIST Calibrated

- **Internal audit tool**  
Tests to practical resistance limits. Tests ESD smock continuity.
- **Convenient, easy to use**  
Tests wrist strap without leaving workstation
- **27 VDC test voltage**  
Minimizes skin resistance effects
- **Outlet analyzer**  
Verifies proper AC outlet wiring and ground path integrity, enabling effectiveness of grounding products
- **Made in America**

Technical Bulletin TB-2099



98130

If you don't see an item you are used to seeing,  
check out our Desco Emit web site:

[www.descoemit.com](http://www.descoemit.com)



Multi-Range Tester



Smartlog X3



ESD Survey Kit



CE Ionizer

