

## Warmbier Test Equipment PGT120K Personal Grounding Tester

### The PGT120K is an easy to use and complete test station for ESD footwear and wrist straps.

The PGT120 personnel grounding tester takes quick and accurate resistance measurements of the ESD grounding products and ensures they are working properly. The test results are indicated both with audible and visual signals.

The unit operates with 3 independent measuring circuits for the left shoe, the right shoe and the wrist strap. This makes it possible to measure all the values at the same time. The shoes can even be measured in a hands free mode which means that the staff members are tested automatically when standing on the plate. PGT120K can be connected to an automatic door opening system which allows entry with only passing results.

The PGT120K is supplied complete with the tester, footwear electrode, flexible cord, transformer with power cord, pedestal stand and calibration certificate. Recommended calibration interval is 24 month.

Corresponding wall mounting plate, footwear electrode, verification device is sold separately.



### Features

- Independently Test Footwear & Wrist Strap Grounding Products
- Pass/Fail Results are Indicated Audibly and Visually
- Automatically Test Footwear in Hands-Free Mode
- Can be Integrated into Door/Barrier Opening System

### Applications:

The PGT120K 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.

## PGT120K Tester

### Accessories

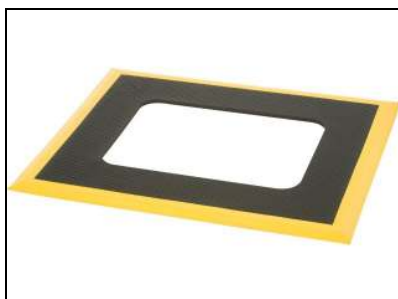
The PGT120K is supplied complete with footwear electrode, flexible cord, and transformer with power cord. The following accessories are available:



The PGT120.CU periodic verification unit is used to check that the PGT120 tester is working properly.



PGT120.WK is a mounting plate that can securing fix the PGT120 meter to a wall.



PGT120.SM is a anti-fatigue mat with a cutout to house the footwear electrode. Complete with beveled yellow beveled edges for a complete, clean look.

### Model PGT120K Power Input

### Specifications

9 volt battery;  
230 VAC power supply

### Test range:

**Wrist Strap & Coil Cord** 750 kW ..... 35 MW  
**Shoes (each shoe)** < 20 / 35 / 70 / 100 MW  
**Shoes in Hands-free" Mode** < 40 / 70 / 140 / 200 MW

### Signals:

**Green LED** "OK"  
**Red LED's and buzzer** "Hi-Fail" or "Lo-Fail"  
**Door opener** Dry contact "OK"  
**Door opener time** 3 seconds  
**Weight:** app. 500g  
**Dimensions:** 150 x 200 x 63 mm

### Part Numbers:

**PGT120K01:** Tester Kit, Footplate, Pedestal Stand  
**7100.PGT120.US:** Tester & Footplate Only  
**7100.PGT120.WK:** Wall Mounting Plate  
**7100.PGT120.CU:** Calibration Unit for PGT120  
**7100.PGT120.SM:** Mat for Footwear Electrode with Yellow Beveled Edges

### 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.

