

### AccessPRO: FastPass Series PGT120 ESD Tester & Turnstile System

**The AccessPRO with the FastPass turnstile tests personnel grounding devices and controls access to an ESD protected area.**

The PGT120 personnel grounding tester with the FastPass turnstile verifies the functionality of an operator's wrist strap, ESD footwear or ESD jacket and only allows access through the turnstile with a PASS test. Green lights indicates that the wrist strap and footwear are functioning properly and the turnstile activates, allowing passage through. Red lights, an audible alarm indicate that the grounding products are failing and should be replaced and access is denied.

#### PGT120 ESD Tester

The testing 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.

#### Dry Contact Relay

Passed Test can Trigger a Door/Turnstile/Barrier

#### Adjustable

Enable or Disable Test Modes, Adjust High and Low Limits.

#### 3 Independent Tests

Test ESD Wrist Straps, Footwear And Jackets Simultaneously



#### Visual & Audible Signals

LED Lights and Buzzer Signal Pass, Hi-Fail, and Lo-Fail

#### 100v Test Signal

For The Highest Test Accuracy, 30v and 50v is also Selectable

#### Hands Free Testing

Footwear Can Be Tested Hands Free! Just by Stepping on Footplate



With the PGT120 ESD Tester

### Features

- Independently Test Footwear & Wrist Strap Grounding Products
- Controls Access to ESD Protected Areas
- Pass/Fail Results are Indicated Audibly and Visually
- Automatically Test Footwear in Hands-Free Mode
- The FastPass Turnstile is Designed for Years of Reliable Service in High Traffic/ High Volume Applications

#### FastPass Waist High Turnstile

The USA made FastPass turnstiles are designed for years of reliable service in high traffic/volume applications. Thousands are currently in use in factories, pro-sports venues, amusement parks and high-profile attractions worldwide. The cabinets are constructed of heavy 14-gauge, 300 series satin stainless steel with minimal exposed hardware.

#### Applications:

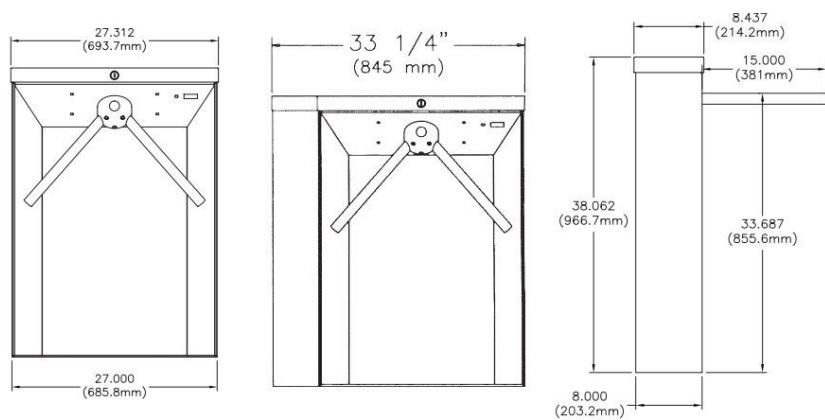
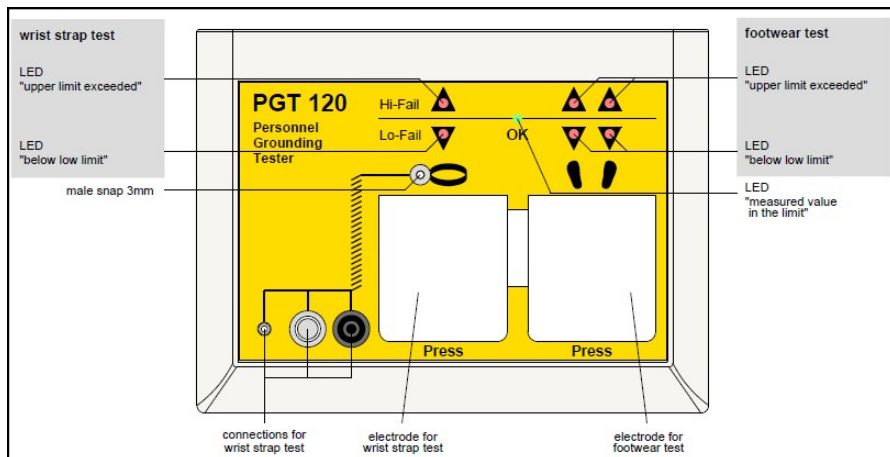
The Access Pro System tests the functioning of ESD personal grounding equipment such as ESD shoes, heel grounders and wrist straps. Access to ESD controlled areas are limited to only properly grounded operators. Testing ESD equipment is an integral part of a complete ESD program.

## PGT120K Tester

### Accessories

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

- 7100.PGT120.SM - Floor Mat for the Electrode
- 7100.PGT120.CU - Calibration Verification Unit



\* Dimensions are approximate

### 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

#### Tester:

**Weight:** app. 500g  
**Dimensions:** 150 x 200 x 63 mm

#### Turnstile:

**Height:** 38.062" (966.775mm)  
**Width:** 23.437" (595.3mm)  
**Depth:** 27.312" (693.725mm)  
**Weight:** app. 500g  
**Dimensions:** 150 x 200 x 63 mm  
**Input Voltage:** 100-240 VAC  
**Input Current:** 1.3 - .55 A  
**Frequency:** 50/60 Hz  
**Operating Voltage:** 24VDC  
**Operating Current:** 1.2 A (typical)

#### 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.

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.

