

Warmbier Test Equipment TC18 Touch Screen Computer For the PGT120.COM

The TC18 Touch Screen Computer Is a modular system for recording, processing and displaying PGT120.COM Testing Data

Pair the PGT120.COM tester unit with the TC18 Touch Screen Computer to log test results, display real-time test measurements that can include personnel identification, access control and central data maintenance. Also connect to a number of accessories such as a label printer, bar code scanner, RFID, data-base server and much more.

Test data can be stored inside the TC18 for on month and the data can be retrieved buy a web browser from any computer connected to the network. Test data can be imported into a Time Attendance or Access Control systems via a network interface.

PGT120 personnel grounding tester takes quick and accurate resistance measurements of the ESD grounding products and ensures they are working properly. 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. PGT120 can be connected to an automatic door opening system which allows entry with only passing results.

The TC18 is the computer only. The PGT120.COM is sold separately. The PGT120.COM is supplied complete with footwear testing electrode, flexible cord, transformer with power cord and calibration protocol. Recommended calibration interval is 24 month Corresponding wall mounting plate, footwear electrode is sold separately.

Applications:

The PGT120 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

- Store and Process Testing Data from the PGT120.COM Tester
- Pass/Fail Results are Indicated Audibly and Visually
- Data is Stored Internally and Accessed via Web Interface
- User ID is made with any USB HID devices: RFID, Barcode, Keypad
- Can be Integrated into Door/Barrier Opening System
- Can play Video up to 20 Secs

TC18 Accessories

Accessories

The TC18 can be used with the following accessories to expand the functions of the PGT120.COM tester



7100.PGT120.TEST.D.2
Label Printer:
Print labels for passed tester with test measurements and time stamp



7100.PGT120.TEST.10
T/H Sensor:
The current temperature and the relative humidity is recorded when the sensor is used



7100.PGT120.TEST.12
Relay Module:
Relay to open barriers. Provides two output channels: 1 sec trigger for passed shoe tests and 1 second trigger for passed wrist strap tests.
Contact Rating: 0,3A at 30V AC / 1A at 24V DC



7100.PGT120.TEST.13
Signal
Red / Green / Yellow Visual Indication of the Access Clearance/



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Model PGT120	Specifications
Power Input	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:	
7100.PGT120:	Personal Grounding Tester
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.

