



ESD Access Control System

Introduction

The advanced **Pegasus ESD ACS system** is integrated with **ESD tester**, **RFID access control system** and **ESD management application software** together. During the past time, many EPA (Electrostatic protection Area) controls of electrostatic shoes, wrist strap are almost tested then recorded manually so easy to make mistakes, this not only wastes time but not easy to audit. The Pegasus ESD ACS system is managed by PC to make sure the person to test the ESD resistance value before entering EPA area, record the access time and control the turnstile or release alarm to reject illegal access. Also, with the failsafe function of the turnstile or electrical locks in emergency to secure the personal life.



PP-6750V/ESD

- This Access Controller is designed with LCD screen for taking the action, display the card & staff number, calendar year and date, clock, testing data and the error message.
- Supports connection with intelligent gating devices such as Turnstile, swing gate or plate gate. Also, it could control the electric locks such as power bolt, magnetic lock or strikes. The user also could push the exit button to go out.
- Provides permission level setting, inquiry, alarm function, test and record the PASS or NG judgment.
- Built in RF card reader for identification.

PE168-STG-2

- This ESD tester is designed with 3.5 inch color LCD TFT Touch screen to display digital resistance value with different color (green, red & yellow) for simply identification.
- Complies with standards GJB 3007-97, SJ/T 10694-2006 and ANSI ESD S20.20
- Supports to check personnel grounding of either wrist straps or footwear.
- The standard resistance and near failure resistance can be set from the color screen login.
- Supports stand-alone or on-line mode of judgment.



Main application field

SMT production line, clean room such as semiconductor fab, high tech RD room, or military ESD sensitive areas, explosive processing areas, maintain or calibration areas for aero space industries, pharmacy, bio-chemical and hospital ESD restraint areas.



Pillar type of testing terminal



Bridge type of turnstile gate



Bridge type of flap barrier with bevel panel



Bridge type of flap barrier with vertical panel

Specification

Model No.	PP-6750V/ESD	PE168-STG-2	PE168-STC/T-1
Power supply	DC 12V 80mA-100mA	DC 8-12V 100mA	-----
Weight	340g± 5%	622g±5%	3800g±5%
Dimension	137x85x29mm	162x102x27.5mm	360x330x19mm
PP-6750V/ESD			
Transmission rate	Default 9,600 bps N,8,1(2,400/4,800/19,200bps)(38,400)		
Operating temperature	-20°C ~ 70°C		
Operating humidity	10%~90%		
Serial interface	RS-485		
Events/ Card capacity	P Series: 11,000 card capacity,8,000 events. X Series: 32,000 card capacity, 32,000 events. (Other capacity combination requested by order)		
Card standard	125KHz ASK EM / 125KHz FSK / 13.56MHz Mifare (ISO 14443A , ISO 14443B, ISO 15693) / 13.56MHz Felica (ISO 18092 UID) / Q type ※ Support customized card		
PE168-STG-2			
Output signal	ThreePASS Channels(Be connected to the input port of PP-6750V/ESD)		
Test voltage	10V±10%		
Resistance range	100KΩ~1000MΩ		
Accuracy	±10%		
Test period	≤0.35 S/Channel		
Communication	RS-485		
Operating temperature	Indoor, 0°C~50°C		
Operating humidity	0%~80%		
Voice Alarm	Yes		
Resistance value display	Yes		
Display screen	3.5 inch color LCD TFT Touch screen display, split screen display		
Measuring types	Wrist wrap of single line or double lines and ESD shoes		
Wrist sockets	One wire with two sockets, two wires with two sockets.		
Test button	Touching button, unlike press button with spring, durable and stable.		
Pass/NG Output	PASS/NG signal : Relay output in dry contact signal		

PONGEE INDUSTRIES CO., LTD.

5F., No.738, Chung-Cheng Rd., Chung-Ho District, New Taipei City 23511, Taiwan

Tel : 886-2-82280198

Fax : 886-2-82280191

E-mail : pongee@pongee.com.tw

Website: <http://www.pongee.com>

We reserve the right to change the specification without prior notice or obligation!

