

## AIJGO-34 PERSONAL GROUNDING TESTER



WITH DUAL FOOT ELECTRODE, RFID READER, LCD DISPLAY AND OPERATING SOFTWARE

### MAIN PROPERTIES

- Tester for checking personal grounding before entering an ESD protected area (EPA)
- Testing footwear system and wrist strap/groundable ESD smock system at the same time
- Can be used to test a groundable ESD smock system
- Test result indication on LCD display, with LED light and sound
- The measured results are stored on an internal SD card
- It is also possible to configure it so that a test can be carried out without touching the touch button, but an RFID card is required in this case too
- It saves the entry data as .csv files
- With an RFID reader that can handle cards that comply with most known RFID standards
- For indoor use only
- **We declare that the AIJGO-34 product complies with the requirements of IEC 61340-5-1, ANSI/ESD S20.20 and Directive 2001/95/EC (General product safety).**



#### Resistance values indicated as acceptable by the tester

Default setting when measuring footwear system	100 K $\Omega$ – 100 M $\Omega$ <i>You can also set an upper value of 35 M<math>\Omega</math>, see the PieManager management software description.</i>
Default setting when measuring wrist strap/groundable ESD smock system	750 K $\Omega$ – 35 M $\Omega$

Operating system	Linux Raspbian (The tester can be configured via LAN network using RJ45 cable)
Test voltage	100 V DC
Wrist strap/groundable ESD smock system connection	With a combined 10 mm snap, 4 mm banana plug socket
Power supply	12 V DC
Relay outputs	0,5 A/60 V <i>Pass relay (Normally Open) with green wire</i> <i>Fail relay (Normally Open) with red wire</i>
Sizes	300 x 195 x 55 mm (tester) 500 x 630 x 970 mm (tester+stand with dual foot electrode, assembled) 500 x 490 x 20 mm (the size of the platform itself, in case of a tester version with stand) Tilt angle of the stand: 5 degrees

ORDER CODE	DESCRIPTION
AIJGO-34	Personal grounding tester with dual foot electrode, RFID reader, operating software, mounting plate and universal holder
AIJGO-STA	Stand for AIJGO tester
AIJGO-34/MSW	PieManager management software for AIJGO-34 and AIJGO-34/COMP (if buying more than one tester, it is sufficient and recommended to buy one if they will be networked together)