

ACL 600 STATI-CHECK

A QUICK, EASY CHECK FOR STATIC. JUST TOUCH TO TEST



The ACL 600 is a new and unique visual method of detecting how much static charge a person is carrying. The unit can be easily wall mounted outside the ESD protected area to avoid charged persons unknowingly entering. Operators also find this unit useful to periodically check that they are not creating a charge within the protected area.

ACL 600 SPECIFICATIONS

Applications:

The ACL 600 can be used to detect how much static a person is carrying. The ACL 600 is effective in detecting the difference in potential between two people and in determining the effectiveness of wrist straps, coil cords, bonding plugs, custom floors, spray coatings, garments, chairs, etc... The ACL 600 STATI-CHECK METER is a reliable, easy to use static indicator which can save your valuable equipment and your company thousands of dollars.

The meter must always be grounded, to produce an accurate measurement, but more importantly to allow the operator to discharge to a safe handling limit. Touch to test, and watch the liquid crystal display indicated between 0-19,990 volts of static charge + or - polarity.

The unit remains permanently switched on with a battery life of 6 months.

Calibration is recommended every 12 months.

Specifications:

Power supply	9 volt PP3 alkaline battery, approximate battery life 6 months
Operating voltage	>6.5 volts <9 volts Lowbat set at 6.5 volts
Temperature Range	
Operating	40°F to 120°F (5°C to 49°C)
Storage	(-15°C to +60°C)
Relative Humidity	0% to 90% (non-condensing)
Accuracy	+/-5%
Weight	220g
Size	145mm X 90mm X 33mm

Battery low indicator

ACL 600 Calibration Procedure

- 1 Connect 1 volt supply to the input meter i.e. 0 volt to ground, and 1 volt to the end of R12 which is connected to U1 (31). Monitor this voltage with your Digital Volt Meter (D.V.M.), and adjust VR1 until the reading matches the D.V.M (The 1 volt supply can be an ordinary AA cell.)
- 2 Power ACL 600 with a variable supply set to 6.5 volts and monitor this with your Digital Volt Meter. Adjust VR2 until the "LOBAT" indication just comes on.



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