

GROUND POINT-GROUND MONITOR With Surge Protection

I. Description

Static Technologies' SP-1001 is a multipurpose device that is useful in factory, office and field service applications. This rugged device acts as both a surge protector and ground monitor. In addition, a banana jack connects to the ground post providing a convenient grounding point for wrist straps and ground cords equipped with banana plugs.

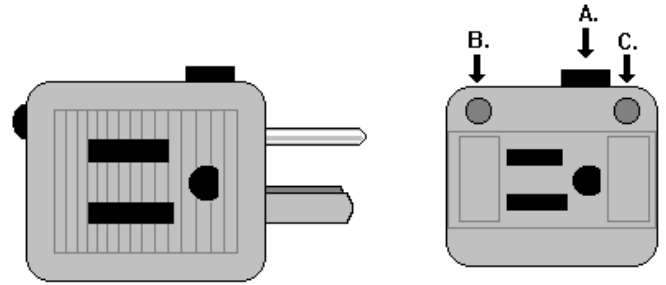
Ground Monitor: The lit green light indicates an acceptable ground. The ground monitor function makes the SP-1001 a convenient device for checking electrical outlets. It is also beneficial when using the device as a grounding point for wrist straps, mats or field service kits to ensure that a suitable ground exists.

Ground Point: The banana jack fits standard banana plugs found on most ESD control wrist straps and the STATIC TECH GC-1105 common point ground cord. This feature makes it easy to establish a suitable ground point for ESD grounding needs.

In factory applications the SP-1001 can be used to ground ESD control mats, using the GC-1105 ground cord. This eliminates the need for elaborate ESD grounding set-ups, making installation and movement of ESD safe workstations easy and economical.

In field service use the SP-1001 can ground wrist straps and field service kits - providing the kit's ground cord has a banana plug termination. The SP-1001 verifies a positive ground point, simplifies ESD control mat ground set up and facilitates relocation of ESD control work stations.

Surge Protector: The SP-1001 has three outlets, providing surge protection for up to three pieces of electronic equipment. Constant surge protection is indicated by the lit yellow light on the back of the device.



A. Ground Point – wrist strap/ground cord banana jack

B. Ground Monitor – green LED indicates acceptable ground

C. Surge Protection Indicator – yellow LED indicates surge protection in effect

II. Specifications

Banana Jack: 0.165" ID with black insulative housing. Jack is connected to "ground" plug.

Input: Plugs into standard three wire 115VAC electrical outlet

Output: Three standard 115VAC surge protected three wire outlets

D. Indicators: Two LED's. Yellow LED connected across varistor indicates functional surge protection. Green LED connected across hot and ground indicates suitable ground.

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