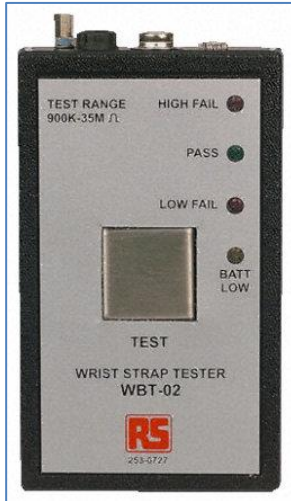


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Datasheet

Wrist ESD Test Meter

RS Stock number [253-0727](#)



Description

Compact Tester series can be used to test personnel wrist straps ([222504](#), [222506](#)) and footwear ([222507](#)). The tester uses LEDs and an audible alarm to indicate whether the measured resistance is within the range specified by EN 61340-5-1. A foot plate is included with [222507](#) Compact Tester to allow users to test both their footwear and wrist strap. The Compact Tester is powered by a 9V PP3 battery for portability.

“Wrist straps shall be checked before use. Each check shall be made with the wrist band worn in contact with the wearer’s skin and with the ground cord attached to the appropriate tester.” [EN 61340-5-1 clause 9.6 Daily checks, clause 9.6.2 Wrist strap]

“Where toe and heel straps are used as ESD footwear, once these are worn outside the EPA [ESD protected area], particularly on carpets, they are likely to accumulate fluff and become ineffective; this requires that they be checked or replaced on every visit to the EPA. ...When ESD footwear is used, it should be noted that ESD footwear alone cannot achieve protection, but needs to be used in conjunction with a suitable ESD floor.” [EN 61340-5-2 Clause 5.2.8 Footwear]

“All wearers shall check that their heel and toe straps meet requirements [of Table 1 NOTE 2

‘When the footwear/floor systems are used as the primary means of grounding personnel, the resistance of the combination shall be determined by the ESD co-ordinator, and is recommended to be between $7,5 \times 10^5$ and $3,5 \times 10^7$ ohms]. The check shall be made before entering the EPA.” [EN 61340-5-1 Daily checks, clause 9.6.3 Non-permanent footwear]



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Specifications:

Dimensions: 115 x 70 x 26mm

Mass: 0.1 kg excluding battery

Resistance Limit;

Low: 750 kilohms

High: 35 megohms

Accuracy: $\pm 5\%$

Power Supply: 9V PP3 Battery

Typical Battery Life: 3500 tests