



Abrasion Test for Plugs Model 59884

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The Abrasion Test for Plugs is an endurance test of plug pins sleeves according to IEC standard 60884-1 Clause 24.7 figure 28.

The Abrasion Tester is a small box with a motor holding sharp edge probe with weight scratching the surface.

Technical Specification

- The drive is electrical motor (DC) operating
- The equipment is table standing, built on aluminium profiles
- A steel wire diameter 1 mm has a U-shape and executes the movements over the sleeve with an angle over the pins of 10 degree
- Weight generates a force of 4 N
- Number of movements are 20 000 (10 000 in each direction)
- 30 movements per minute
- Length of the movement is app. 9 mm of which 7 mm over the sleeve insulation
- Control box with start, stop and a counter with automatic stop at preset number of cycles

Facts

Standard:

IEC 60884-1 Clause 24.7
Figure 28

Components:

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Weight:

App. 30 kg

Dimensions:

1000x300x450 mm (LxWxH)

Supply

230VAC, 50/60Hz, 6A

