


Mandrel Tester Model 5800(W)

Manufactured in Sweden 

Version 17.2



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Facts

Standard:

IEC 61558-1, clause 26.3.3,
Figure 6
IEC 60065, clause 8.21,
Figure 14-16
IEC 60950, clause 2.10.5.8,
Figure AA.1
IEC 62368-1, clause
5.4.4.6.5, Figure 25-28

Components:

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Weight:

Approximately 5 kg + weights

Dimensions:

360x240x350 mm

Supply

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Article numbers:

3058001 – Model 5800
3058002 – Model 5800W
60-00376J – Weight 50 N
60-00376K – Weight 100 N
60-00376L – Weight 150 N

The purpose of the mandrel test is to verify the mechanical properties of insulating materials in form of thin sheet, such as tape, etc. The material is stretched over a prism-shaped mandrel with sharp edges and a sharp tip. Available for table mounting or wall mounting.

Technical Specification

- Mandrel, 100x50 mm, made of brass
- Tip made of stainless steel. Easily replaceable
- Fixing clamps for both sample and foil on mandrel
- Metal foil can either be fixed onto the mandrel with one end or hang free with weights, depending on test standard used
- 1 Newton weights for the metal foil (2 pieces)
- Fixing clamps for weights
- Different weights for loading the test sample are available; 50, 100 and 150 Newton (sold separately)
- 4 mm hole for banana-type connector on mandrel
- Insulated mandrel for safer operation during high voltage test
- Rotating handle with stop mechanism at correct angle
- Model 5800: Clamp for mounting on top of table or work bench
- Model 5800W: Brackets for wall mounting

Note: Weights for sample sold separately. Metal foil not included



Model 5800



Weights
(sold separately)