

DRE 01 | BLACK TEST CORNER

IEC 60335-1 | Clause 11



SECOM

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Equipment Description

The Black Test Corner from SE.com, is used for the measurement of the temperature radiated by different equipment during the tests from heating and abnormal operation. One is designed and made with the intention of determining the fulfillment of different norms as far as the registry from temperatures during the operation of the apparatus under test.

The components used in the design guarantee an excellent quality of work.

The Black Test Corner from SE.com, is conformed by a trihedral one of **black painting plywood**, with a matrix of holes each 100 mm that allow to adapt thermocouples of measurement easily, specially designed for such case.

The dimensions of the device are: base **800mm x 1000mm** and with a height of **1500mm**, mounted on a structure with wheels, to allow his movement.

Thermocouples of measurement is of curved type K, mounted on a ceramic case and in its end of measurement they have a copper disc of Ø15 mm and 1 mm of thickness. They consist of a compensated cable of variable length (according to the necessity) with a compensated connector male, mini type t

Thermocouples for Test Corner



Technical Characteristics

- Material: Plywood 21mm of thickness / Pipe steel.
- Thickness: >20mm
- Color: Black MATE painting.
- Dimensions:
 - Height: 1500mm +/-3mm (two faces).
 - Width: 800mm +/-2mm .
 - Depth: 1000mm +/-2mm.
- Measurement points:
 - Each 100mm ± 2mm.
 - Diameter Point of measurement: Ø15 ± 0,1mm
 - Material end of measurement: Copper.
 - Thickness: 1mm.
- Weight: 66Kg.
- Thermocouples:
 - Cable Length: 2m, 3m (according to the customer).
 - Terminal of thermocouples: mini type of polarized and compensated parallel shovels.
- According to: IEC 60335-1 - Clause 11.

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