

TNB 912 – Non-Combustibility Test Device

Fire Testing Device for Non-Combustibility Tests on Building Products with Electrical Tube in Accordance with DIN EN ISO 1182

The TNB test identifies which building products contribute very little, if at all, to the progression of a fire. Based on these results, the appropriate building product for a structure can be selected. Testing of non-combustibility serves for classification into the European fire classes A1 and A2.

The "TNB measuring and control unit" – with its integrated Single Board Computer with Windows operating systems. TNB software and high-resolution color touch display – is used for setting parameters and controlling the test furnace in stand-alone mode. Automated digital control and monitoring for exact linear heating of the furnace ensures a long service life of the heating element.

Numerous interfaces enable connectivity to peripheral devices for the fast and convenient export and transfer of data. Connection to an external PC or notebook allows for extensive data analysis and printing of test reports as per the relevant standards.

Information Obtained by TNB

- Non-combustibility of homogeneous products and substantial components of non-homogeneous products
- Mass loss
- Inflammation
- Temperature rise

