

TRDA/TRDL – Smoke Density Test Devices with Light Measurement System

Test Devices for Determining the Smoke Production of Materials During Thermal Decomposition in Accordance with DIN 50055

The TRDA white-light test device determines transmission and calculates the smoke and fog density at known volume flow. The TRDL light measurement system differs only in its light source: Here, a helium neon laser is used.

The TRDA – thanks to its integrated Single Board Computer with Windows operating system, TRDA software and high-resolution color touch display – can be used in stand-alone mode for setting parameters and determining optical transmission. Various interfaces and analog outputs enable connectivity to peripheral devices for fast and easy export of data.

Optional accessories allow for use of the light measurement system on various types of exhaust duct systems and greatly simplify calibration, operation and cleaning of the components.

Information Obtained by TDRA

- Relative light transmission
- Smoke or fog density (at known volume flow)

Use in stand-alone mode for setting parameters and determining optical transmission!

