



**10-212-000**

## Ignition Temperature Tester for determining the ignition temperature of flammable liquids and gases

### Standards

DIN 51 794 – DIN EN 14522 – IEC 79-4



### Application

Determination of the ignition temperature of flammable liquids and gases for the assessment of the hazard potential of these substances.

### Features

The device is equipped with a touch screen for setting and displaying the experimental parameters and guides the user step by step through the measurement sequence (Predetermination, Method S and Manual Determination).

By means of an active temperature control, consisting of ceramic heating elements and automatic air cooling, it is possible to realize very short test times. For a complete measurement (Predetermination ~ 1:00 h, Method S ~ 1:35 h) of the ignition value of n-heptane less than 3 hours are required. The device has very good reproducibility by automatic detection of the ignition temperature and indication of the ignition delay time. It also has a mounted automatic blow-out device for the test piston.

### Technical Data

Temperature Range	65 – 650 °C
Test Duration	approx. 3 hours (n-heptane)
Test Modes	Predetermination, Method S, Manual Determination

### Dimensions and Connection

Dimensions (WxDxH)	65 x 43 x 24 cm (Control Box), 46 x 36 x 85 cm (Test Unit)
Weight	20 kg (Control Box), 49 kg (Test Unit)
Mains	3 ~ 400 V AC, 50 Hz, 16 A CEE Plug
Power	3500 W

Interfaces  
Air supply

Ethernet  
Compressed Air

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