10-212-101 Ignition Temperature Tester for determining the ignition temperature of flammable liquids and gases

Standards

DIN EN ISO/IEC 80079-20-1, DIN 51 794 (similar to), DIN EN 14522 (similar to)

The picture shown can deviate from the product delivered

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). 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 air delivery system for purging the product gases from the test flask.

Properties

- Automatic optical detection
- Quick exchange of test flask
- Active temperature control
- Software for data recording

Technical Data

Temperature Range	65 - 650 °C
Test Modes	Predetermination, Method S, Manual Determination

Dimensions and Connection

Dimensions (WxDxH)	approx. 76 x 62 x 24 cm (Control Box), approx. 46 x 36 x 73 (100 upper position) cm (Test Unit)
Weight	approx. 20 kg (Control Box), approx. 49 kg (Test Unit)
Mains	3 ~ 400 V AC, 50 Hz, 16 A CEE Plug
Power	4200 W
Interfaces	Ethernet
Air supply	Compressed Air, 3 to 8 bar

Partlist

Item no.	Description
10-212-101	Ignition Temperature Tester
10-212-003	Software for Ignition Temperature Tester
10-212-004	Erlenmeyer flask, 200 ml, (10/pack)