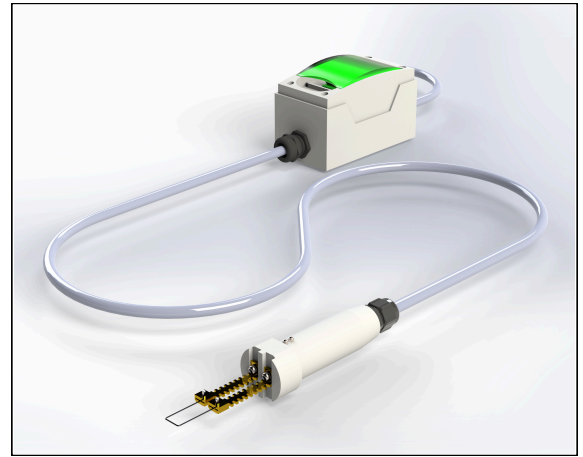


056 – Burning Behaviour Test Apparatus – testing to common aspects of BS 17077:2018 & VDI 2263



The DEKRA burning behaviour unit is based on BS 17077 & VDI 2263 requirements. The aim of the burning behaviour test is to determine if and to what extent a fire started by an external source will propagate in a dust layer. The result is either given by a “combustion number” or the rate of propagation of the fire.

The test equipment comprises of a quartz plate, electrically heated glowing platinum wire at approx. 1000 °C (diameter 1 mm, length 86 mm, Current 30 A). A drying oven is also required for the test (not supplied as standard).



Burning Behaviour Testing Apparatus



Benefits

- Modern digital LED display giving current flowing through the platinum wire in Amps
- Front panel fine adjustment of current flowing through the wire
- Easy platinum wire change facility (repeatable method assuring the wire length is maintained when the wire is changed)

Functional specification and deliverables

- 1 x platinum hot coil current control unit
- 1 x heater power handset (pre-wired into the control unit)
- 1 x insulating block
- 1 x glass tube
- 1 x 100 mm length of platinum wire
- 1 x user manual

Optional extras

- Spare platinum wire
- Spare glass tubes
- Spare insulating blocks
- Drying oven

DEKRA Organisational & Process Safety

Contact

DEKRA Organisational and Process Safety are a behavioural change and process safety consultancy company. Working in collaboration with our clients, our approach is to assess the process safety and influence the safety culture with the aim of making a difference.

In terms of behavioural change, we deliver the skills, methods, and motivation to change leadership attitudes, behaviours, and decision-making among employees. Supporting our clients in creating a culture of care and measurable sustainable improvement of safety outcomes is our goal. The breadth and depth of expertise in process safety makes us globally recognised specialists and trusted advisors. We help our clients understand and evaluate their risks, and we work together to develop pragmatic solutions. Our value-adding and practical approach integrate specialist process safety management, engineering, and testing. We seek to educate and grow client competence in order to provide sustainable performance improvement. Partnering with our clients, we combine technical expertise with a passion for life preservation, harm reduction and asset protection.

We are a service unit of DEKRA SE, a global leader in safety since 1925 with over 48,000 employees in 60 countries and five continents. As a part of the world's leading expert organisation DEKRA, we are the global partner for a safe world.

We have offices throughout North America, Europe, and Asia.

For more information visit
www.dekra-uk.co.uk

+44 (0)23 8076 0722

instruments-uk@dekra.com

Would you like more information?

Contact