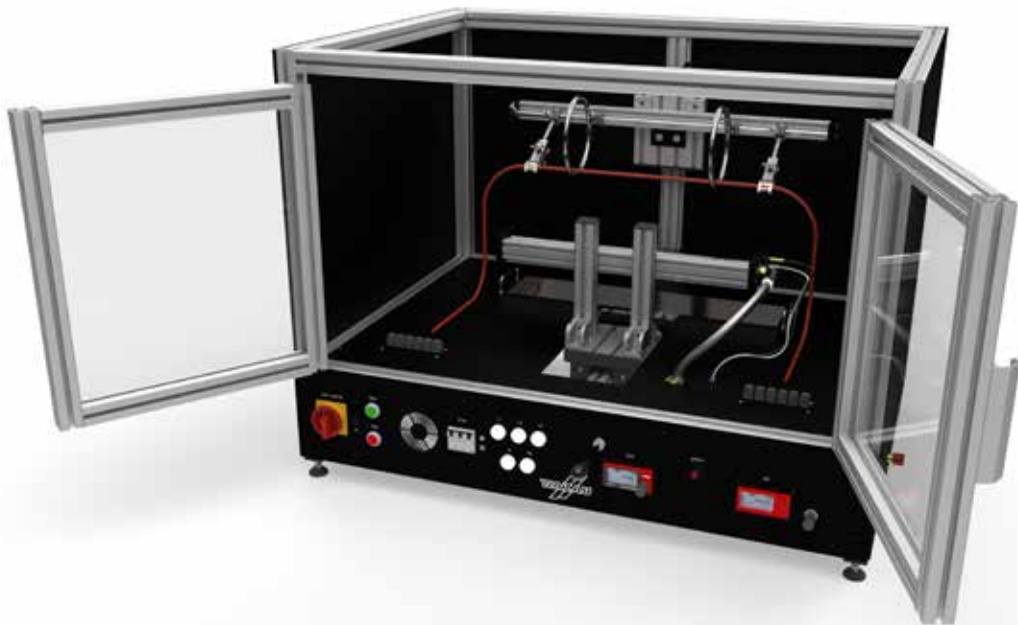


## IEC 60331-11

IEC 60331-11 | IEC 60331-21 | IEC 60331-23 | IEC 60331-25



### APPLICATION

The device is used to execute tests for electrical cables and insulated wires in case of fire. The integrity of the circuit is tested in the event of a single fire with a flame temperature of at least 750 °C.

### PRINCIPLE

Electrical cables and insulated wires are subjected to a flame with a temperature of at least 750 °C. During this time, current is applied to the cables and wires. It is determined how long it takes for a conductor to be interrupted.

### SPECIAL FEATURES

- Electronic flow meter with manual adjustment
- Pilot flame protection by safety valve with thermal monitoring
- Piezo igniter for burner, can be operated from the outside
- Test chamber made of anodized aluminum profiles and aluminum sheet cladding, 2 window doors
- Burner unit can be tilted for maintenance purposes

### COMPONENTS

- Test chamber with specimen holder incl. linear guide, burner unit with ribbon burner, linear guide, compressed air maintenance unit, pilot flame protection, remote ignition and ball valve, test module IEC 60331-21/-23/-25 for 5 wires (incl. 5 indicator lights, 3 circuit breakers)
- Drip tray stainless steel

### DIMENSIONS

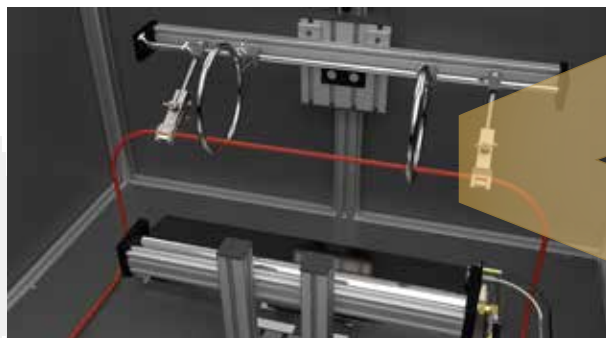
Height x Width x Depth: 800 x 1100 x 800 mm\*  
Weight: approx. 100 kg\*

### SUPPLIES

- Electric current 230 VAC
- Propane gas ( $5 \pm 0,25$  l/min)
- Compressed air ( $80 \pm 5$  l/min)

### TO BE PROVIDED BY THE CUSTOMER

- Test room with at least 27 m<sup>3</sup> room volume
- Smoke extraction system



\* Our products are under constant development. For this reason, the actual dimensions may vary.

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