



COMBUSTION RESISTANCE



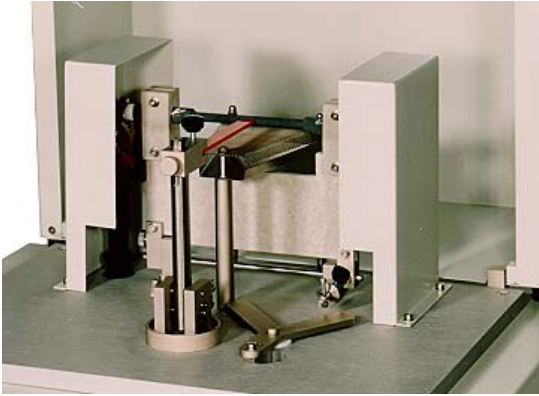
DESIGN AND PRODUCTION OF
INSTRUMENTS AND APPARATUS
FOR QUALITY CONTROL
ON MATERIALS



These instruments are made in
compliance with CE health and
safety requirements



Combustion Resistance - code 6145.000



Field of Application

The apparatus, is specifically designed for combustion and incandescence resistance of thermoplastics, thermosetting, rigids and laminates.

Testing Scope

This test, of destructive nature, consists in allowing a specimen to burn when in contact, under a definite pressure, with an incandescent bar heated to approx. 950°C. Specimens must be of specified shape and size.

Standards

Designed and built to meet the following standards: ASTM D 757, DIN 53459, UNI 4286, CEI 4.6.01 and others equivalent.

Technical Characteristics

- Test station 1
- Specimen's dimensions 3,17 x 12,7 x 121 mm
- Hood carbon-steel
- Incandescent rod resistor
- Resistor's support silicon or sinterized silicon
- Specimen support Holder rotating clamp
- Clamp vertical and horizontal (through 90°)
- Contact accuracy 0,30 N between specimen and rod
- Voltage regulation controlled diodes
- Maximum temperature 950°C



Technical Data

| | |
|---------------------------------|-----------------------------------------------------------|
| Overall dimensions (LxDxH) (mm) | 650 x 550 x 650 |
| Weight (kg) | 50 |
| Supply | 230 V - 50 Hz - Singlephase (110 V - 60 Hz on request) |
| Power (W) | 500 |
| Paint | fuchsia RAL 4006 - gray RAL 7035 |

"Due to the continuous development policy of CEAST's Research and Development Department, changes may be introduced without notice"



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CEAST S.p.A.

• Via Airauda, 12 • 10044 Pianezza (TO) Italy
• Tel: (+39) 011.966.40.38 (10 lines) • Fax: (+39) 011.966.29.02
E-MAIL: Int. Sales: Infoltaly@ceast.com - Int. after sales: aftersalestech@ceast.com

CEAST USA Inc.

• 4816 Sirius Lane, Charlotte, NC 28208
• Tel. 704-423-0042 • Fax 704-423-0081
E-MAIL: USA Sales: salesusa@ceast.com - USA Service: Keith@ceast.com

CEAST GmbH

• Bunsenstr. 5, D-82152 Martinsried
• Tel. ++49 (0) 89/85 90 28 12 - 89 50 18 10 • Fax ++49 (0) 89/89 94 98 51
E-MAIL: Sales and Service: info.germany@ceast.com