AA05 - VERTICAL TEST CABINET

DATASHEET

Determination of the behaviour of materials subjected to a flame implying detecting flame time duration, glowing after flame application, and burn length.
This test is designed in view of the acceptance of the materials for aircrafts and safety clothing.



Technical Features

- AISI 304 stainless steel structure
- Sledge for burner positioning
- Safety glass door
- Bunsen burner – dia. 9.5 mm complete with safety valve
- Pressure gauge
- Burner positioning shaft
- Tool for flame height measurement
- 330x140 mm specimen support for 305x75 mm specimens having thickness up to 25 mm
- Drops collecting tray
- K-type thermocouple for flame temperature detection to connect the digital control device
- Digital TermoCronoTimer for detection of:
- Minimum flame temperature 850°C
- 12 or 60 seconds exposure to flame
- Flame duration on the specimen after the burner is withdrawn
- Flame time of the drops
- Recording of flame and glowing times after flame exposure with manual control
- Dimensions: 330 x 330 x 787h mm
- Weight: 18 kg
- Power supply: 230 VAC 50 Hz singlephase
- Gas supply: methane



The supplied measuring tool has one part to indicate the internal cone height of the flame (approx 22 mm) and another one to indicate the tip height of the flame (approx 38 mm).

Standards	
ABD	0031
AITM	2.002
BSS	7230
FAR	part 25 Appendix F part 1
FTM	191A method 5903
ASTM	D6413

Code	Description
10091105	Vertical Test Cabinet (AA05) FAR 25.853

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Via Garibaldi 144 -20834 Nova Milanese - ITALY
tel.: +39 0362 367454 - fax: +39 0362 41357
info@noselab-ats.com - www.noselab-ats.com
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