NPV Tech

Flash Point by Small Scale Closed Cup

STANDARDS

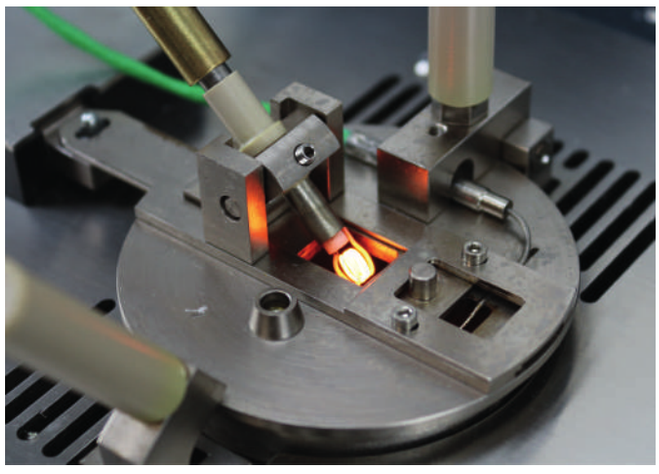
ASTM D 3828, ISO 3679, ISO 9038, IP 303 and related methods.

SCOPE

These test methods cover procedures for flash point tests, within the range of -30 to 300°C, of cosmetic and pharmaceutical products, using a small scale closed cup tester. It allows the determination of flash point for transportation class and hazardous goods. The procedures may be used to determine, whether a product will or will not flash at a specified temperature (Go/No Go).

NORMALAB

*Photos are non-contractual - they may differ from actual products.



«FAST AND RELIABLE MEASUREMENTS»

TECHNICAL FEATURES

- Temperature range from -30°C to 300°C
- Regulation accuracy ± 0.2°C
- Class A Pt 100 probe with verification certificate
- Barometric correction with temperature compensation
- Small sample volume (2 / 4 mL)
- Easy sample introduction
- 2 predefined methods (Go / No Go and Ramp)
- Possibility to maintain temperature for routine tests
- Predefined temperature ranges (1°C / 2°C / 5°C per minute)
- Automatic presentation
- Automatic detection by thermocouple (no calibration required)
- Electric ignitor, adjustable from 0 to 100% (no gas)
- Resistive color touchscreen 4.3"
- Coating against aggressive products
- High efficiency ventilation system (5-10 minutes between 2 tests)
- Easy oven temperature calibration (certified probe)

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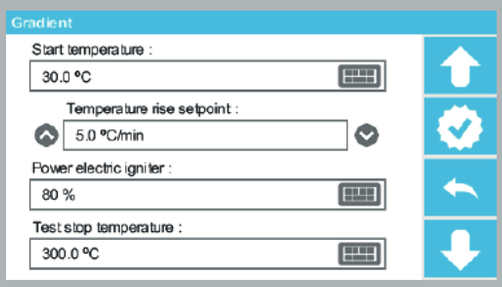
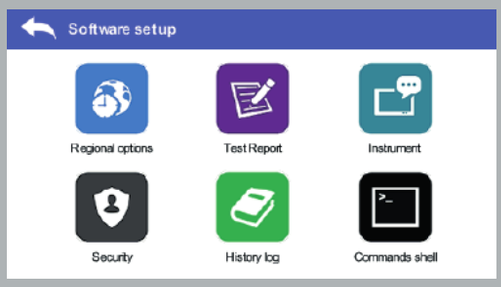
CONNECTIVITY

- 1 RS232C port
- 2 Micro USB port for update



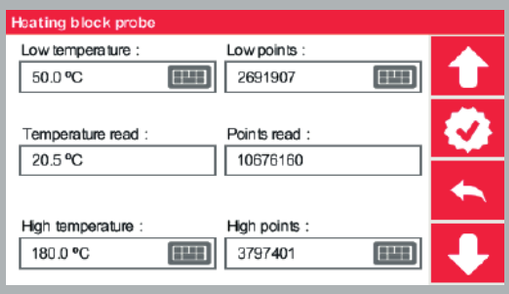
APPLICATION

- Cosmetics and perfumes
- Waste and environment
- Pharmaceutical industry
- Chemical industry
- REACH applications
- Transportation class for hazardous goods
- Paints and varnishes
- Biodiesel
- Marine
- Lubricants
- Aviation



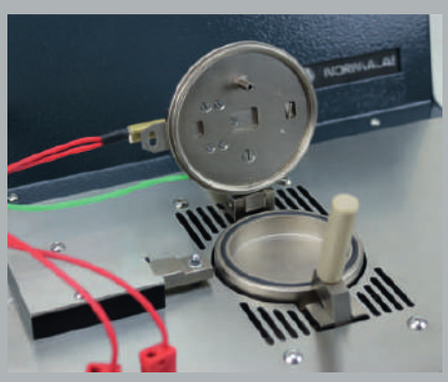
SOFTWARE

- User-friendly and intuitive software
- Go / No Go and ramp file
- Access protected by a password
- Simplified temperature calibration
- Up to 5 calibration offsets
- Multilingual (FR / EN)
- Data transfer or printer by RS 232
- 20 last results in memory



SAFETY

- Overheating protection (350°C)
- Electric ignitor protected by thermal fuse
- Removable tray with drain (for overflow or condensate at low temperature)
- Dedicated alarm for each error message
- Audible alarms
- Visual indicator



OPTIONS

- Cryostat (needed below the ambient)
- RS 232 ticket printer (One compatible model)
- Protective aluminium sheets and set-up tool kit

SCOPE OF DELIVERY

42000

NPV Tech tester includes:

- 1 standard lid with ignitor and thermocouple
- 1 power cable
- 1 stylus

Site requirements:

- Power supply: 230 V, 50/60 Hz - 4 A
- Dimension: (W) 280 x (D) 440 x (H) 250 mm
- Weight: 11 kg

SUMMARY

Temperature range	-30 to 300°C	**Detection**	Thermocouple
Temperature accuracy	0.2°C	**Ignition**	Electrical
Temperature unit	°C or °F	**Cooling system**	Mechanical fan
Temperature measurement	Probe PT 100 (class A)	**Data storage**	Micro SD (20 results)

G-Labo
Prüfgeräte für Petrochemie, Gefahrgutanalytik und mehr

Contact:
G-Labo GmbH
Phone: +49 6209 797100
Mail: info@g-labo.de
Web: www.g-labo.de

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