

NPV TECH

Flash Point Tester By small scale closed cup



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

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).

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

APPLICATIONS

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

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

Heating block probe	
Low temperature :	Low points :
50.0 °C	2691907
Temperature read :	Points read :
20.5 °C	10676160
High temperature :	High points :
180.0 °C	3797401



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

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 The NPV TECH is delivered ready to use with

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

Site requirements

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

SUMMARY

Temperature range	-30 to 300°C
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Temperature resolution	0,2°C
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Temperature unit	°C ou °F
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Temperature measurement	Probe PT 100 (class A)
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Detection	Thermocouple
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Ignition	Electrical
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Cooling system	Mechanical fan
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Data storage	Micro SD (20 results)
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