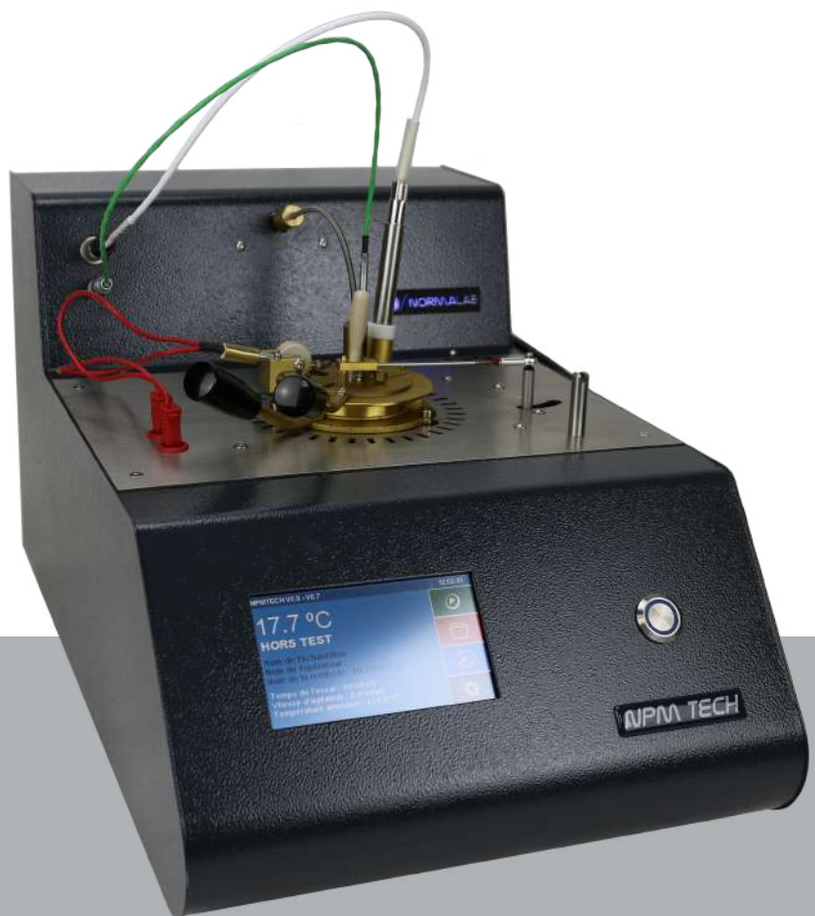
# NPM TECH

## PENSKY-MARTENS

## HALF AUTOMATED FLASH POINT TESTER




### STANDARDS

ASTM D 93, IP 34, ISO 2719, NF M07019, DIN 51758, GBT 261 and related methods.

### SCOPE

These test methods cover the determination of the flash point of petroleum products in the temperature range from 40 °C to 370 °C, and the determination of the flash point of biodiesel in the temperature range of 60 °C to 190 °C.

NORMALAB

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


# « HALF AUTOMATED FAST AND RELIABLE »

## TECHNICAL FEATURES

- Temperature range from ambient to 400°C
- Temperature display in °C or °F
- 4.3" resistive color touchscreen
- Class B Pt 100 probe
- 4 predefined methods (A/ A+/ B/ C)
- 1 research mode and 1 safety mode
- Fast cooling system by fan
- Automatic presentation by push button
- Automatic detection by thermocouple (no calibration required)
- Adjustable electric ignitor (no gas)
- Barometric correction with temperature compensation
- Adjustable and settable stirring speed from 0 to 250 rpm
- Preheating sample with or without stirring
- Predefined temperature range depending on the method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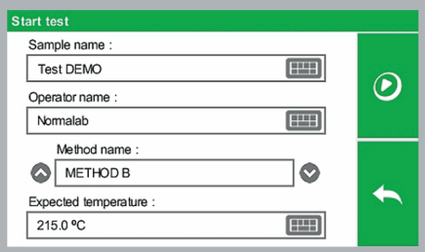
## CONNECTIVITY

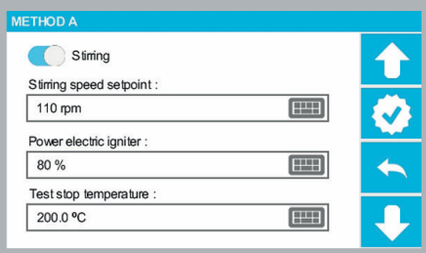
- 1 RS232C port
- 2 Micro USB port for update

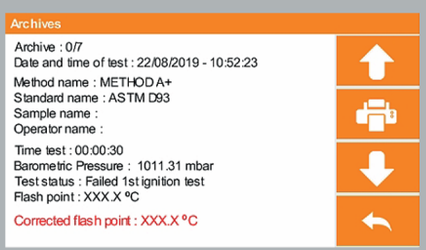
## APPLICATIONS




- Petroleum industry
- Cosmetics and perfumes
- Pharmaceutical industry
- Chemical industry
- REACH applications
- Transportation class for hazardous goods
- Biodiesel
- Lubricants

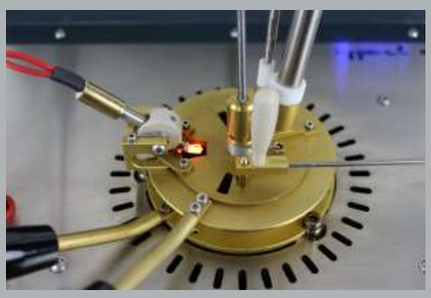
## SOFTWARE




- User-friendly and intuitive software
- Predefined methods
- Predefined rates (method A, A+, B,C)
- Simplified temperature calibration
- Up to 5 calibration offsets
- Software update through micro USB
- Multilingual (FR / EN)
- Data transfer or print (RS 232)
- 20 last results in memory
- Access protected by password

## SAFETY



- Protection of the electric ignitor by thermal fuse
- Dedicated alarm for each error message
- Audible alarm
- Visual indicator

## OPTIONS


- RS 232 ticket printer
- NCAL calibration kit
- Stainless support for cover and lid

## ORDERING INFORMATION

**42100**

The NPM Tech is delivered with:

- 1 lid with ignitor (P/N: 42115) and thermocouple (P/N: 40379)
- 1 cup (P/N: 9411930)
- 1 power cable
- 1 stirring cable (P/N: 42110)
- 1 stylus (P/N: 42003)

**Site requirements:**

- Power supply: 230 V, 50/60 Hz - 5 A
- Dimension: (W) 275 x (D) 440 x (H) 250mm
- Weight: 10,5 kg

## SUMMARY

| | | | |
|---|---|---|---|
| **Temperature range** | Ambient to 400°C | **Detection** | Thermocouple |
| **Temperature accuracy** | 0,2°C | **Ignition** | 100% electrical |
| **Temperature unit** | °C or °F | **Cooling system** | Mechanical fan |
| **Temperature measurement** | Probe Pt 100 (Class B) | **Data storage** | Micro SD (20 results) |

G-Labo
Prüfgeräte für Petrochemie, Gefahrgutanalytik und mehr

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