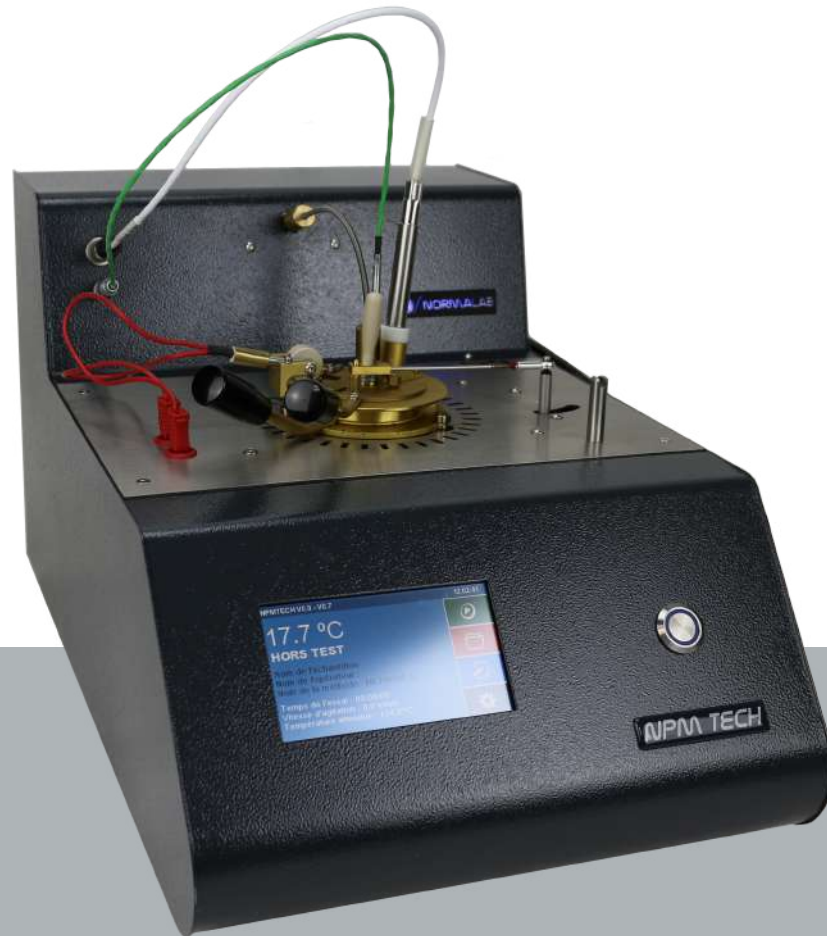


# NPM TECH

## 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

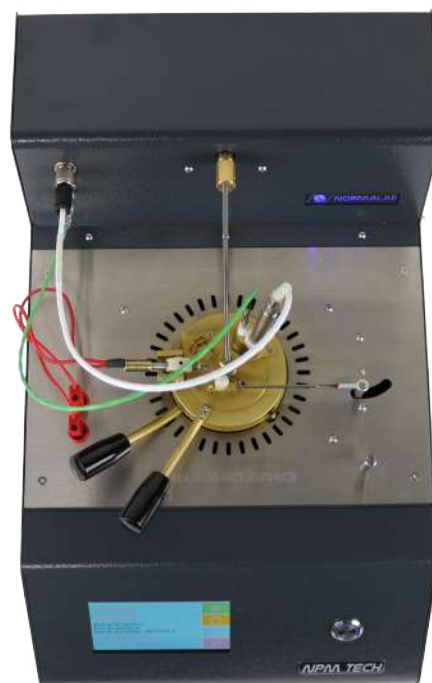
These test methods cover the determination of the flash point of petroleum products in the temperature range from 40 °C to 370 °C, and the determination of the flash point of biodiesel in the temperature range of 60 °C to 190 °C.



« 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



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

## CONNECTIVITY

- 1 RS232C port
- 2 Micro USB port for update

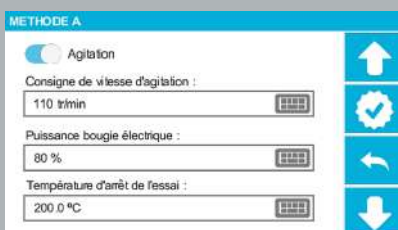
## APPLICATIONS

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

## SOFTWARE

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- 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

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

## OPTIONS

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



## ORDERING INFORMATION

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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

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

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