

# NAB TECH

## FLASH POINT TESTER ABEL CLOSED-CUP METHOD



### STANDARDS

IP 170, ISO 13736 and related methods.

### SCOPE

These test methods cover procedures for determination of closed-cup flash point of combustible liquids having flash points between  $-30,0\text{ }^{\circ}\text{C}$  to  $75,0\text{ }^{\circ}\text{C}$ .

## TECHNICAL FEATURES

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- Temperature range from -30 to 110°C (cryostat is mandatory for temperatures below ambient temperature)
- Temperature displayed in °C or °F
- 4.3" resistive color touchscreen
- Class B Pt 100 probe
- Barometric correction with temperature compensation
- Predefined temperature ramp (1°C/min)
- Quick cooling system
- Ignitor presentation by push button
- Automatic detection by thermocouple (no calibration required)
- Electric ignitor, adjustable from 0 to 100% (no gas)
- Sample cooling integrated up to 0°C ( a cryostat is necessary)
- Adjustable and settable stirring speed from 0 to 30 Rpm
- Specific treated cover against freezing (easy to clean)



## CONNECTIVITY

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- 1 RS232C port
- 2 micro USB port for update

## APPLICATION

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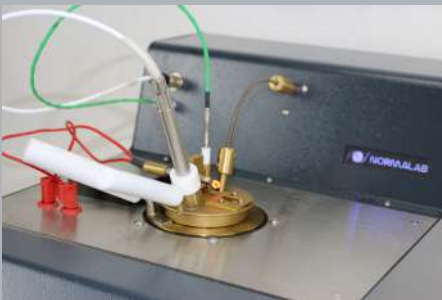
- Petroleum industry
- Cosmetics and perfumes
- Pharmaceutical industry
- Chemical industry
- REACH applications
- Transportation class for hazardous goods

## SOFTWARE

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- User-friendly and intuitive software
- Predefined program files
- Predefined temperature ramp (1°C/min)
- Simplified temperature calibration
- Up to 5 calibration offsets
- Multilingual (FR / EN)
- Data transfer or printer by RS 232
- 20 last results in memory



## SAFETY

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- Access protected by a password
- Electric ignitor 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

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- Cryostat (needed below the ambient)
- RS 232 ticket printer
- NCAL, calibration kit
- Lid and cover support



# SCOPE OF DELIVERY

42300

The NAB Tech is delivered with:

- 1 lid with ignitor and thermocouple
- 1 cup
- 1 stirring cable
- 1 power cable
- 1 stylus

## Site requirements:

- Power supply: AC 230V - 50/60 Hz - 4A
- Dimensions: (W) 275 x (D) 250 x (H) 470mm
- Weight: 15kg

# SUMMARY

<b>Temperature range</b>	-30°C to +110°C	<b>Detection</b>	Thermocouple
<b>Temperature accuracy</b>	0.2°C	<b>Ignition</b>	100% electrical
<b>Temperature unit</b>	°C or °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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