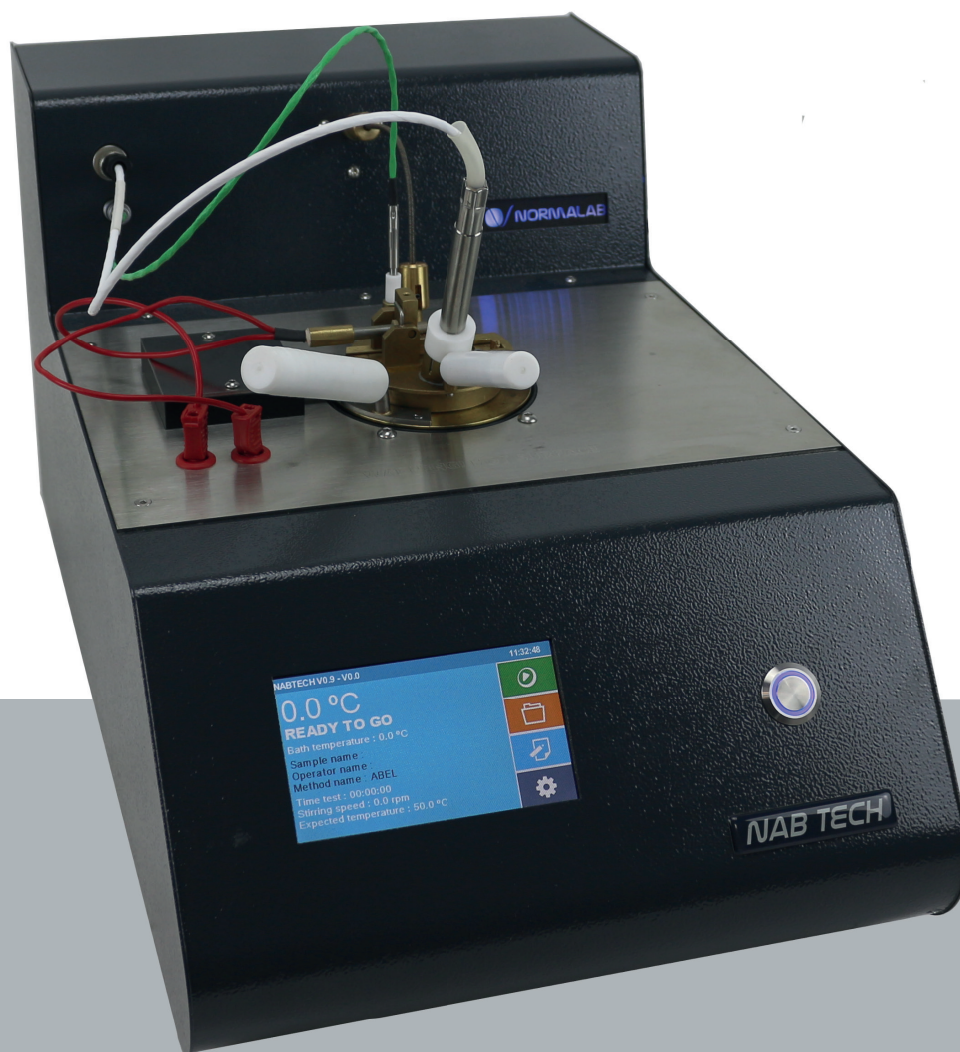


NAB TECH

FLASH POINT TESTER ABEL CLOSED-CUP METHOD



STANDARDS

ISO 13736, IP 170 and related methods.

SCOPE

These test methods cover procedures for determination of the manual and automated closed-cup flash point of combustible liquids having flash points between $-30,0\text{ }^{\circ}\text{C}$ to $75,0\text{ }^{\circ}\text{C}$. However, the precision given for this method is only valid for flash points in the range $-8,5\text{ }^{\circ}\text{C}$ to $75,0\text{ }^{\circ}\text{C}$.



NORMALAB

www.normalab.com

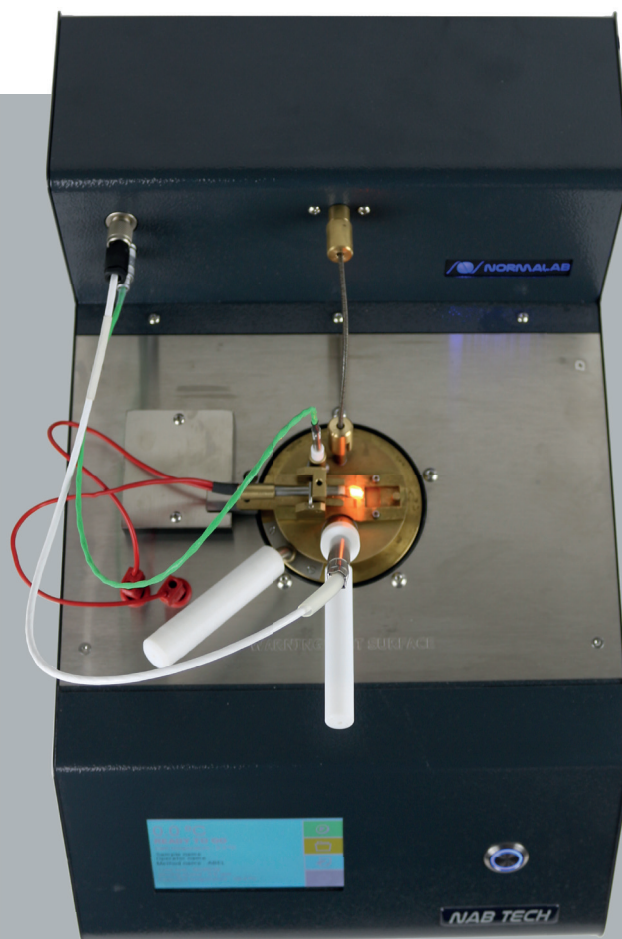
NAB Tech is a flash point tester developed by Normalab. Normalab has been designing and manufacturing petroleum testing instruments and glassware since 1963.

« HALF AUTOMATED MODEL »



SPECIFICATIONS

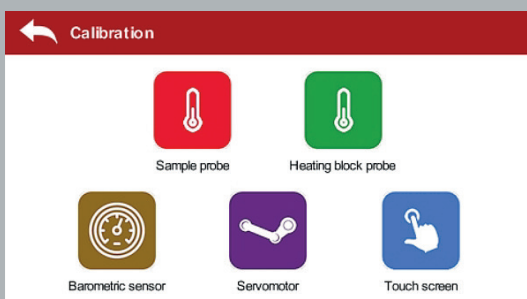
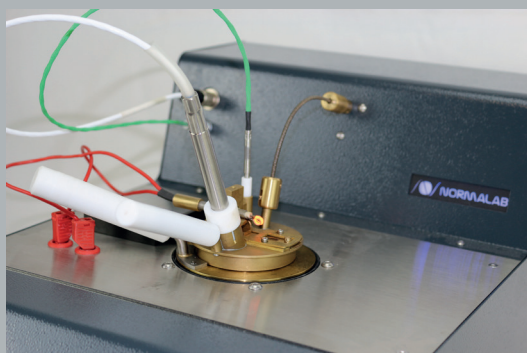
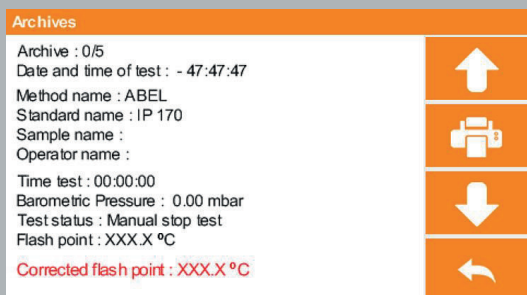
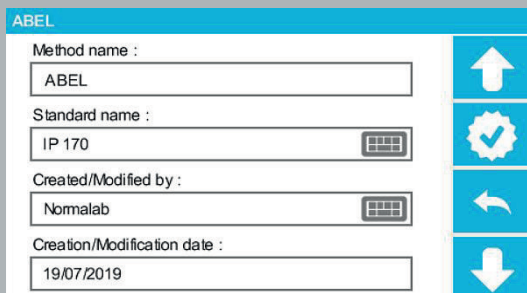
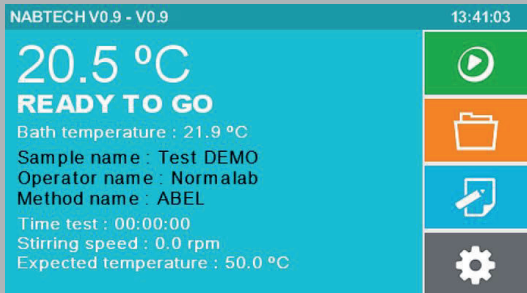
- Temperature range from -30°C to 110°C (cryostat is mandatory for temperatures below ambient)
- Temperature display in $^{\circ}\text{C}$ or $^{\circ}\text{F}$
- 4.3" resistive color touchscreen
- Class B Pt 100 probe
- Barometric correction with temperature compensation
- Predefined temperature range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



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

CONNECTION

- 1 RS232C port
- 2 Micro USB port for update



APPLICATION

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

SOFTWARE FEATURES

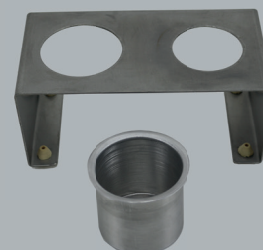
- User-friendly and intuitive software
- Predefined file
- Predefined temperature ramp (1°C/min)
- Simplified temperature calibration
- Up to 5 calibration offsets
- Software update through micro USB
- Multilingual (FR / EN)
- Data transfer or printer by RS 232
- 20 last results in memory

SAFETY FEATURES

- Access protected by 1 password
- Protection of the electric ignitor by thermal fuse
- Removable tray with drain if sample overflow or condensate at low temperature
- Dedicated alarm for each error message
- Sound alarms
- Visual indicator

OPTIONS

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



ORDERING INFORMATION

42300

NAB Tech is a compact instrument providing quick and reliable results. Operation is made easy and safe with minimum operators intervention.

Scope of delivery:

The NAB Tech tester includes :

- Lid with ignitor and thermocouple
- Cup
- Stirring cable
- Power cable
- Stylus

Site requirements:

- Power supply: 230 V (+/- 10%), 50/60 Hz - 4 A
- Dimension: (W) 280 x (D) 440 x (H) 250 mm
- Weight: 15 kg

SUMMARY

Temperature range	- 30 à + 110°C	Detection	Thermocouple
Temperature accuracy	0,2 °C	Ignition	100% electrical
Temperature unit	°C ou °F	Cooling system	Mecanical fan
Temperature measurement	Probe Pt 100 (Class B)	Data storage	Micro SD (20 results)



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