

**ASTM D 92 - ISO NF EN 22592 - ISO 2592 - IP 36 - DIN 51376**

**SCOPE**

Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester.

**FULLY AUTOMATIC CLEVELAND OPEN CUP (COC) FLASH POINT TESTER  
- MODEL NCL 440 -  
- REF 40400 -**

**MAIN CHARACTERISTICS**

- ✓ Test Temperature Range: Ambient to 400°C
- ✓ Flash and Fire point detection by ionisation ring
- ✓ Data Storage: 200 results
- ✓ Automatic Flame Lightening and extinguishing
- ✓ Optional low gas cartridge to work in all types of environments
- ✓ Automatic Gas cut-off at the end of the test
- ✓ Emergency safety switch
- ✓ RS232C output
- ✓ Data acquisition Supervisor Software included possibility to collect the data for a LIMS

**SCOPE OF DELIVERY**

NCL 440 delivered ready for use with :

- REF 40390** Printer paper roll for Seiko DPU 414
- REF 40437** Insulated plate - fixed
- REF 40417** Standard Cleveland cup
- REF 40439** Insulated plate - mobile
- REF 40441** Pt 100 probe
- REF 40443** Ionisation ring flash point
- REF 40444** Ionisation ring fire point  
1 m of gas tubing

**OPTIONAL ACCESSORIES**

- REF 40483** Gas cartridge case and 1 x 100 ml gas cartridge + (**REF 40484**)
- REF 40454** Protective screen
- REF 40440** 6 cups automatic sample
- REF 40470** Surface skin skimmer (should be ordered with a new unit only)

**CONSUMABLES**

- REF 40380** Electric ignitor for NCL 440 & NPM 440
- REF 40390** Printer paper roll for Seiko DPU 414
- REF 40484** 100 ml gas cartridge for optional case
- REF 14110** Tube for butane propane gas 6x12 (10m)
- REF 60008** Cleveland flash point reference standard

**REFERENCE FLUIDE**

- REF 60008** Cleveland flash point reference standard



**ORDERING INFORMATION**

**REF 40400**

NCL 440 For use on AC 230 V - 50 Hz - 0.3 A

**REF 40400/115V**

NCL 440 For use on Same as above 115V

(w)320 x (D)580 x (H)360 mm (±17 kg)

CONTACT : [sales@normalab.com](mailto:sales@normalab.com)

NORMALAB FRANCE SAS  
ZA Caux Multipôles 1 - F-76 190 Valliquerville  
Tel. : +33 232 700 100  
Fax : +33 232 704 732

[www.normalab.com](http://www.normalab.com)

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