

**ASTM D 56 – IP 304**

**SCOPE**

Standard Test Method for Flash Point by Tag Closed Cup Tester.

**AUTOMATIC FLASH POINT BY TAG CLOSED TESTER  
- MODEL NTA 440 -  
- REF 40600 -**

**MAIN CHARACTERISTICS**

- ✓ Test temperature range: for flash point below 93°C
- ✓ Double Flash detection by ionisation ring and thermocouple
- ✓ Data Storage: 200 results
- ✓ Quick access to calibration parameters
- ✓ Auto diagnostic
- ✓ Liquid bath as per standard method
- ✓ Optional low gas cartridge to work in all types of environments
- ✓ Gas ignition
- ✓ Automatic Gas cut-off at the end of the test
- ✓ Optional cryostat required for samples having a FP below 40°C
- ✓ RS232C output
- ✓ Data acquisition Supervisor Software included possibility to collect the data for a LIMS

**SCOPE OF DELIVERY**

**NTA 440** delivered ready for use with :

- REF 40390** Printer paper for Seiko DPU 414
- REF 40386** Seiko DPU 414
- REF 40614** Pt 100 probe
- REF 40610** Cup without cover
- REF 40347** Cover without probe for NTA 440
- REF 40612** Detection cable
- REF 60214** Insulated tubing for cryostat - 1 m of gas tubing

**OPTIONAL ACCESSORIES**

**Cryostat for test below 40°C**

- REF 22216** Cryostat for test < 40°C range -40°C...+200°C : 0,02°C
- REF 40483** Gas cartridge case and 1x 90 ml gas cartridge +  
(REF 40484)
- REF 40613** Electric ignitor

**CONSUMABLES**

- REF 40390** Printer paper for Seiko DPU 414
- REF 40613** Electric ignitor for flame lightening
- REF 14110** Tube for butane propane gas 6 x12 mm (10 m)
- REF 40484** 100 ml Gas cartridge for optional case



**ORDERING INFORMATION**

**REF 40600**

NTA 440 for use on AC 230V – 50Hz – 4A

**REF 40600/115V**

NTA 440 for use on AC 115V - 50/60Hz - 4A

260 x 535x 500 mm (±20 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)

NTA 440 Leaflet 15

DISTRIBUTED BY

G-Labo Germany  
Bgm.-Horneffstr.26  
69509 Mörtenbach  
Tel.: + 49 6209 797100  
Fax: + 49 6209 797101  
Mail: [info@g-labo.de](mailto:info@g-labo.de)  
Web: [www.g-labo.de](http://www.g-labo.de)