

NDI CLASSIC

HALF-AUTOMATED ATMOSPHERIC DISTILLATION OF PETROLEUM PRODUCTS



STANDARDS

ASTM D 86, D 850, D 1078, ISO 3405, IP 123, IP 195 and related methods.

SCOPE

This test method covers the atmospheric distillation of petroleum products using a laboratory batch distillation unit to determine quantitatively the boiling range characteristics of such products as natural, motor and aviation gasolines, aviation turbine fuels, special boiling point spirits, naphthas, white spirits, kerosines, gas oils and distillate fuel oils.



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SPECIFICATIONS

NDI Classic is a half automated unit for atmospheric distillation of petroleum products. The device includes an analogic condenser bath regulator for a more comfortable operation. The equipment is delivered with glassware and necessary accessories to run ASTM D 86 test.

Key features

- Easy control of the condenser bath with thermostat
- Electric heater
- Temperature range: from ambient to 400°C
- The use of a cryostat is required for testing gasoline samples and maintain condenser temperature.
- Compressed air (2 bar max) can be used in order to cool down the heating compartment between 2 tests.

Safety

- Overheating safety adjustable on the control head
- Float for low level detection
- Differential circuit breaker

Option cryostat (Ref 23206)

For temperatures below ambient, a cryostat of 7 to 10L working from -15 to 60°C is necessary.

ORDERING INFORMATION

942228

Scope of delivery:

NDI Classic is delivered with :

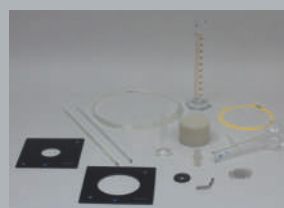
- Graduated receiver 100 ml (P/N 19425)
- Distillation flask 125 ml (P/N 24019)
- Ceran board 50mm (P/N 20348)
- Ceran board 100mm (P/N 20349)
- Thermometer ASTM 7C * (P/N 11494)
- Thermometer ASTM 8C * (P/N 11495)
- Bag of pumice (P/N 60514)
- Condenser cleaning cable (P/N 40009)
- Graduated cylinder 5 ml (P/N 12609EC)

* Without certificate, calibration on request

Site requirements:

- Power supply: 230 V - 50/60 Hz - 1500W
- Dimension: (W) 360 x (D) 490 x (H) 620 mm
- Weight: 23 kg

Fluid: 10l of water/glycol 50/50 blending for the condensing bath.



 **NORMALAB**
www.normalab.com

CONTACT : sales@normalab.com

NORMALAB France SAS
76190 Valliquerville - FRANCE
Tel. : +33 232.700.100
Fax : +33 232.704.732

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