

## Aniline Point Tester (automatic)

ASTM D 611-E, ISO 2977-E, DIN 51787 (obs.), FTM 791-3601, IP 2-E, JIS K2256, NF M07-021

**Product group(s):** Fuel

**User group(s):** Chemicals, Fuel, Power Generation, Solvent

**Scope:** This test method covers the determination of the aniline point of petroleum products and hydrocarbon solvents.

Method E:  
describes a procedure using an automatic apparatus suitable for the range covered by Methods A and B.

The aniline point or the mixed aniline point (respectively) allows conclusions about the compounds formed in of mixtures of petroleum products and hydrocarbon solvents.

The Aniline Point is to be understood as the lowest temperature at which a homogeneous solution of equal volumes of the sample and of aniline begins to decompose.



### Aniline Point Test Equipment

More details are mentioned in the "Order Number" section

### Main Unit

13-0001

#### Automatic Aniline Point Apparatus

ASTM D 611 meth. E - FTM 791-3601 - IP 2 meth. E -  
JIS K2256 - NF M 07-021  
ISO 2977 meth. E (DIN 51 775, DIN 51 787)

Consisting of:

measuring and control assembly in a metal housing with all switches and setting elements on the front, light barrier, heating device, stirrer, air-piping, special test cell and 1 each thermometer ASTM 33C and ASTM 34C.

Power supply: 230 V, 50/60 Hz

### Spare Parts

13-1050

#### Test Cell Set

Consisting of:

- 1 pyrex cell with threaded ring
- 1 heating-cooling tube with heater coil
- 2 each pyrex tees
- 1 heating-cooling support with bearings
- 1 impeller
- 1 knurled threaded ring complete with heater coil

13-1051

#### Test Cell, made of glass with threaded ring

13-1052

#### Heating and Cooling Tube, made of glass with heater coil

13-1053	Heating Coil
13-1054	T-Tube, made of glass
13-1055	Mounting Ring
13-1056	Ball-Bearing
13-1057	Impeller
13-1058	Knurled Threaded Ring
13-1059	Heating Electrodes with cord and plug
13-1060	Drive Shaft, flexible
13-1061	Light Bulb for key illumination
13-1062	Allen Key, 0.9 mm
13-1063	Photocell Assembly
13-1064	Illumination Device (including light bulb)
13-0161	<b>Thermometer ASTM 33C / IP 20C</b> Range: -38 to +42 : 0.2 °C Length: 420 mm, Immersion: 50 mm, Ø 7 mm
13-0162	<b>Thermometer ASTM 33C / IP 20C</b> Range: -38 to +42 : 0.2 °C (officially certified)
13-0163	<b>Thermometer ASTM 34C / IP 21C</b> Range: -25 to +105 : 0.2 °C Length: 420 mm, Immersion: 50 mm, Ø 7 mm
13-0164	<b>Thermometer ASTM 34C / IP 21C</b> Range: -25 to +105 : 0.2 °C (officially certified)
13-0165	<b>Thermometer ASTM 35C / IP 59C</b> Range: -90 to +170 : 0.2 °C Length: 420 mm, Immersion: 50 mm, Ø 7 mm
13-0166	<b>Thermometer ASTM 35C / IP 59C</b> Range: -90 to +170 : 0.2 °C (officially certified)
13-0149	<b>Thermometer DIN 12 778</b> Range: 0 to +150 : 1 °C

### Order Guideline

Minimum equipment: 1x 13-0001  
 Spares (approx. 1 year): 13-1051, 13-1052, 13-1054  
 Additional requirements: