



OilLab 611 Aniline Point



ASTM D611-E IP 2 -E

Correlated to
ASTM D611-A, B, C, D
IP 2-A, B, C and D

Aniline Point and Mixed Aniline Point
of Petroleum Products and Hydrocarbon
Solvents.

Test method E describes a procedure using
an automatic apparatus suitable for the range
covered by test methods A and B.

- Compact structure painted with anti-acid epoxy products.
- Solid dry aluminium block deeply coated for corrosion resistance, able to cool down sample to +10°C trough high tech peltier system with cooling exchanger, heating is granted by a dedicated stainless-steel heating element that permit the heat of sample up to +170°C (sample is not in direct contact with heating surface).
- Temperature stability +/- 0.1°C thanks to double-layer insulation.
- Temperature uniformity is granted by gently motorized three-coil stirrer system at 100 rpm.
- Simply glass cell with screw connection mechanism for easily demount and clean.
- Detection of aniline point by immersed fiber optic IR detector with dedicated detection board allow detection of transparent, opaque and dark samples (<8.0 on ASTM colour scale).
- Connection Head with hole for aniline introduction (by needle or dispenser system).
- Built-in Touch Screen for the managing of the analyser by means of the Lab-Link software:
 - TFT/LCD 8.4" with micro-computer board;
 - Resolution 1024 x 768 and 16.2 M colours;
 - 2 x USB ports for external connections;
 - 1 x Ethernet port for LAN or Lims network;
 - Storage capacity for more than 65'000 analysis.
- Lab-Link operating software:
 - Automatic execution of the analysis as per methods selected or trough customized method.
 - Display in real time of all the analysis parameters and status, real-time graph creation.
 - Field for introduction of operator and product name.
 - Audible alarm and displayed message for end analysis, errors/malfunctions.
 - Invalid test indication and diagnostic alarms.
 - Export of files in xls. / .pdf / .jpg. format.
 - Calibration up to 100 points.

Range

- +10°C up to +170°C
- No external cooling required

Power supply

- 220 Vac 50/60 Hz
- 115 Vac 50/60 Hz

Dimensions

- 53 x 31 x 75 cm

Weight

- 26 kg

Tools for Routine Calibration

- 3013: calibration decade box - PT100 Simulator.
- 3102: kit of connectors and cables.

Spare Parts

- 1004: removable glass cell.
- 7187: o-ring for test jar.
- 3596: PT100 product with connector.
- 5416: fiber optic.
- 2151: mirror.
- 7185: stirrer.
- 3396: heaters, pack of 2 pcs.
- 17107: PT100 bath.
- 3007: HT Peltier.

Accessories

- 7244: Dispenser System.
 - High resistance granted by glass 3.3 cylinder and PTFE piston.
 - Quick and precise volume adjustment via an analogue cursor.
 - Precise graduated scale to guarantee the reproducibility of the dispensed volumes.
 - No reagent loss during air removal or filling.
 - Dispensing without the formation of bubbles.
 - The piston completely transfers the liquid with each movement.
 - Total recovery of the liquid present in the exhaust pipe by rotating the dispensing spout by 180°.
 - Autoclavable at + 121°C for 20 minutes.
 - GL32 connection.