

Icon Scientific Distillation Analyser



ALL ICON PRODUCTS ARE...

Easy to use: with an intuitive glass touch-screen, wipe-clean graphic user interface with multi-language options.

Certified to global standards: ATEX, IECEx, ETL approved to give absolute confidence and peace of mind in hazardous areas and manufactured under an ISO9001:2008 certified Quality Management System.

Robust and fully explosion proof: no air or inert gas purging required for safe operation in explosion hazard areas.

Safety assured: with an alarm for internal sample leakage.

Flexible: with auto validation calibration options and standard modbus, 4-20mA and alarm contact outputs.

WHAT DOES IT DO?

The Distillation Analyser is used to measure individual boiling points or the boiling ranges of petroleum products from the light to middle distillate ranges.

The results obtained may be directly correlated to standard test methods such as ASTM D86, IP123 and ISO3405

HOW DOES IT WORK?

The unit works by carrying out a small scale distillation on 20 ml of sample under controlled conditions.

A complete distillation is achieved in ten to fifteen minutes.

WHY CHOOSE THE ICON SCIENTIFIC DISTILLATION ANALYSER?

Rapid cycle time

Rugged explosion proof construction: No purge gas required, analyser is rated to IP 67 suitable for installation in harsh environments.

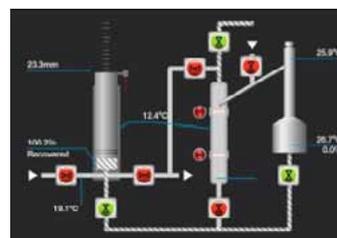
Wide range of measuring temperatures and sample inlet and outlet conditions: Minimises the need for additional sample handling components simplifying system design. Samples may be returned to up to 3 barg pressure.

User friendly multi-language interface: Uses the same common PC system as all other icon analysers with user friendly 17" glass touchscreen graphic user interface with full size plotting of all parameters.

Auto validation/calibration: the analyser can be programmed to perform automatic validation or calibration on demand or on a timed basis.

Standard Modbus output: as well as 4-20mA outputs and alarm contacts the unit has a standard Modbus RS485 wired output (fibre optic optional) and LAN Ethernet connectivity.

Auto de coke: the analyser can be programmed to perform automatic de-coke cycle.



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