



FREEZING/CLOUD & POUR POINT APPARATUS

APPLICATION

The cloud point test examines the precipitation of solids by detecting the temperature at which a cloud of wax crystals first occurs. The pour point test measures the fluidity, the lowest temperature at which a sample is still able to flow.

COMPLIANCE ASTM D2386; IP 16; ISO 3013

INSTRUMENT AND CONSTRUCTION.

MANUAL SYSTEM

Double jacket unit with all SS construction, copper metal jacket and insulated base and ring.

1 test and 4 test models.

REFRIGERATED SYSTEMS

BASIC

Consists of a Floor standing model, CFC free single or double stage refrigeration system, Housed in a compact body with a liquid solvent bath to test 4 samples at a time. The system is modular in design and can be upgraded to an automatic cloud point detection system and also a pour point detection system.

AUTOMATIC

The cloud point detection system consists of 4 independent sample vessels with optical sensors in a single bath. The system can record individual cloud points and auto shuts off when all the samples have reached their cloud point. It is provided with a 4 line alpha numeric backlit screen with keypad. It can be interfaced to a serial printer for printing of test results at the end of test.

The pour point system consists of 4 independent sample vessels with optical sensors for cloud point detection and 1 station has a motorised carriage to remove and tilt the tube to check for pour point in a single bath. It is provided with Touch screen/LCD Screen user interface with individual display of test status per station. The Pour point can be user defined for 45° or 90° bending of sample tube.





MODELS

11015-00	MANUAL SYSTEM - 1 TEST
11015-01	MANUAL SYSTEM - 4 TEST
11015-02	Refrigerated upto -30°C - 4 TEST
11015-03	Refrigerated upto -70°C - 4 TEST

OPTIONAL ACCESSORIES & SPARES

11015-04	AUTOMATIC FREEZING/CLOUD POINT DETECTION SYSTEM - 4 TEST
11015-05	POUR POINT ATTACHMENT FOR 1 TEST + CLOUD POINT FOR 4 TEST
11015-06	Touch Screen interface with PC software and Lan connectivity.
11015-10	Glass Test Vessel.
11015-11	Glass test vessel for automatic system
11015-08	Spare Copper Jacket
11015-09	Spare Insulating ring/gasket III party thermal calibration certificate. ASTM 114C, Thermometer

DESIGNED & MANUFACTURED BY:



Culture Instruments India LLP

37, III MAIN ROAD, VYALIKAVAl, BANGALORE - 560 003. (INDIA)

PH: 91 - 080 - 23349239 / 23449007 / 09886780513

Email: cultureinstruments@gmail.com / sales@technoinstruments.co.in

Website: www.technoinstruments.co.in

Works: D-428, 10th MAIN, PEENYA 2nd STAGE, P.I.A, BANGALORE - 560 058. (INDIA)

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