

## Fully Automated cold property analyzers

- Pour Point, Conf.ASTM D97
- Freeze Point, Conf.ASTM D2386



**FLOW-D2386-AT-1, for Freeze Point**

### FLOW-D97-AT-1, for Pour Point



### FLOW Plus Series

#### Key Features:

- Engineered and designed by experts having more than 25 years experience in developing cold property analyzers for petroleum laboratories.
- State of the art unique stirling cryocooler technology.
- High resolution, windows based 10" touchscreen.
- Very Compact - Only 12" wide.
- 2-year warranty.

#### Equipment Features:

- .Fully Automated and self contained
- .Windows based 10" touch screen control
- .No External Cryostat required
- .Customizable Stepped and linear cooling profiles
- .Stepped cooling according to method or user defined
- .Pour Point: By tilting method
- .Cloud Point: By optical method
- .Temperature control maintains  $\pm 0.1^{\circ}\text{C}$  stability
- .Temperature range of  $+15^{\circ}\text{C}$  to  $-85^{\circ}\text{C}$
- .Improved and user defined calibration features
- .User can export test data to fash drive with compatible file format suitable for any common dataprocessing softwares
- .Configurable multi-level password protection.

#### Equipment Procedure:

**FLOW-D97-AT-1** is a Single Position Automated Pour Point Analyzer conforms to method ASTM D97 by Automated Tilting. Movement of the sample is detected by non-contact sensor. If movement is not detected, the bath is lowered to the next lower temperature to repeat the test. All operations are controlled via a 10" windows touch panel, which displays sample, bath, and the pour point result temp. After the test the user can easily export test data to flash drive or print it from machine with an external printer. The software logs complete testing history.

**FLOW-D2386-AT-1** is a single position Automated Freeze Point Analyzer. Accurate and Precise Freezing Point Determination exactly as per the ASTM D2386 Which considered as a referee method globally in case of any dispute. The unit have Optical detection of freezing point and also have automated Stirring mechanism for moving the wound wire stirrer as per the D2386 method. After the test the user can easily export test data to fash drive or print tests from machine with an external printer. The software logs complete testing history.