

PILODIST 1120 CC

Fully-automatic system for the determination of the equilibrium boiling point of engine coolants - Conforming to ASTM-D1120



The system is designed for fully-automatic operation conforming to ASTM D1120 to determine very precise and reproduceable the boiling point of engine coolants and brake fluids. The product is being charged and heated up to the boiling point. The drop rate of the condensed product is being detected and registered by means of an optical sensor. Up to the point when the optimal and preselectable drop rate per second is achieved the system will control the heating power by pulse duration modulation. The system controls the operation until the required equilibrium is stabilized. The temperature of the liquid is being measured by means of of very precise temperature sensor. By using a barometric sensor the boiling point correction is being calculated and presented via Programmed formula. All formulas and parameters are variable in order to follow different applications and test procedures in the same system.

The software provides in the password-protected area the possibility of a 2-point calibration of all sensors.

Best Regards,

Julia Schwalb
Sales and Marketing Assistant

PILODIST® GmbH
Laboratory & process technology