VISCOMETER PETROLEUM EQUIPMENT BPTL-109-A

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COLD CRANK SIMULATOR MACHINE

The CCS machine mainly tests the low-temperature dynamic viscosity index of engine oil, and the instrument is automatically controlled by a computer. Automatic sampling,cleaning, and viscosity calculation results.

1. The Cold Crank Simulator CCS Machine can automatically detect speed and control current, reduce human error;
2. Driven by imported motor, high precision;
3. Semiconductor refrigeration system can quickly test any temperature;
4. The result is automatically calculated after calibration by standard oil;
5. Computer control, Windows operating system, XP, Win7, can be connected to a printer to print results;
6. Improved rotor, low torque test state, high repeatability;
7. Automatically generate calibration curve and directly display the test viscosity result;
8. All test processes are controlled automatically without manual operation, and the test will automatically stop and increase

SPECIFICATIONS

Model	BPTL-109-A
Applicable standard	GB/T6538, ASTM D2602, ASTM D5293
Refrigeration method	Semi-conductor
Circulation method	Multifunctional plastic steel pump
Temperature controlling method	Digital PID temperature controller
Detection method	Automatic sampling, automatic cleaning, automatic test
Data processing	Automatic saving
Temperature controlling range	-5℃, -10℃, -15℃, -20℃, -25℃, -30℃, -35℃ (optional -40℃)
Temperature controlling accuracy	±0.02℃
Power supply	AC220V, 50Hz
Working units	12
Measuring range	1500~15000CP
Display	PC
Operation	Automatic
Warranty	1 Year
Test Method	Cold Crank Simulator
Alt Name	Cold Cranking Simulator Machine

FEATURES

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5. Computer control, Windows operating system, XP, Win7, can be connected to a printer to print results;
6. Improved rotor, low torque test state, high repeatability;
7. Automatically generate calibration curve and directly display the test viscosity result;
8. All test processes are controlled automatically without manual operation, and the test will automatically stop and increase temperature after the test;
9. The CCS machine automatically recommends the refrigeration temperature;
10. Rotary encoder detects speed;
11. Viscosity measurement range: 1500~15000CP;

12. The results of 20 standard oils can be edited;

13. This Cold Cranking Simulator is equipped with dedicated low-temperature refrigeration cycle equipment

14. The Apparent viscosity tester can automatically calculate the standard oil calibration deviation to help users check the accuracy of the calibration data;

15. Patent of lubricating oil apparent viscosity tester using semiconductor refrigeration, patent number: ZL201822076893.4

16. Patent of lubricating oil apparent viscosity tester with automatic sampling and automatic cleaning structure, patent number: ZL201822076944.3.