



## TESTER PETROLEUM EQUIPMENT BPTL-220

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## AUTOMATIC FREEZING POINT TESTER

The instrument is automatically controlled by computer, easy to operate. It automatically controls, detects, and calculates the results. It automatically shuts down at the end of the test, and the software displays the time and temperature curves. The test principle is to take a sample of 75-100ml and inject it into a test tube. The test tube is placed in a cold bath to cool down, record the temperature of the sample per minute, and draw a time-temperature curve. The projection point of the intersection of the cooling curve and the crystallization curve on the vertical axis is the freezing point of the sample.



1. Carry out two tests simultaneously and calculate the average value;
2. Touch screen operation, automatically draw cooling curve and automatically calculate freezing point.
3. Imported dual compressor refrigeration, the refrigeration temperature can reach  $-70^{\circ}\text{C}$ ;
4. The mechanical stirrer replaces the electromagnetic stirrer to prevent uneven stirring and affect the test accuracy;
5. Adjustable special test tube clamp to perfectly fix the test tube;

## SPECIFICATIONS

Model	BPTL-220
Applicable standard	SH/T0090, ASTM D1177, NFT 78102
Temperature control method	Imported PID temperature controller
Temperature control range	$-70 \pm 0.1^{\circ}\text{C}$
Refrigerator system	Imported dual air compressors
Sample stirring	Motor stirring
Display method	LCD
Alt Name	Automatic Freezing Point Tester



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada  
Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)