



## TESTER PETROLEUM EQUIPMENT BJT1H1 (BPTL-201)

# TESTER PETROLEUM EQUIPMENT BJL1H1

## SCANNING BROOKFIELD GELATION INDEX TEST INSTRUMENT

The Scanning Brookfield Gelation Index Test Instrument measures the low-temperature pumpability and gelation index of new oil, smoky and highly oxidized engine Oils by continuously recording viscosity values in a wide temperature range.

This Low-Temperature Gelation Index Test Instrument is compiled with ASTM D5133, ASTM D7110, SH/T0732, GB/T 11121 and other standard test methods, and it is specified instrument for ASTM D5133.

Working principle: measure the low temperature pumpability and gelation index of unused and highly oxidized engine oil by slowly and continuously reducing the measuring temperature, and record the two values at the same time. If the gelation index is higher than 12, the engine will fail under some cooling conditions. This Low-Temperature Gelation Index Tester is the only one that can measure lubricant gelation index.



1. The Scanning Brookfield Gelation Index Test Instrument can automatic calibration process and graphic display of calibration data;
2. The Scanning Brookfield Gelation Index Test Instrument has Multi point temperature correction, or add temperature correction points by yourself;
- 3, The analysis software can be used to calibrate the viscometer and analyze the linear accuracy;
4. One key automatic lifting structure, automatic positioning of viscometer;
5. The Scanning Brookfield Gelation Index Test Instrument has the test tube locking function to prevent excessive viscosity from driving the test tube to affect the accuracy;
6. The Scanning Brookfield Gelation Index Test Instrument can automatically scan viscosity, generate gelation curve, and automatically analyze gelation index an

## SPECIFICATIONS

Model	BJL1H1
Old Model	BPTL-201
Power supply	AC(220±10%)V, 50Hz
Refrigeration	Semiconductor
Temperature control range	Room temperature ~ -40°C (-70°C is customized)
Temperature control accuracy	±0.1°C
Measuring range	0~40000 mPa·s
Heating method	Electrical heating rod
Display	LCD
Applicable standard	ASTM D5133, ASTM D7110, SH/T0732, GB/T11121
Test Method	Scanning Brookfield
Color	White
Language	English
Alt Name	Scanning Brookfield Gelation Index Test Instrument

## FEATURES

1. The Scanning Brookfield Gelation Index Test Instrument can automatic calibration process and graphic display of calibration data;
2. The Scanning Brookfield Gelation Index Test Instrument has Multi point temperature correction, or add temperature correction points by yourself;
- 3, The analysis software can be used to calibrate the viscometer and analyze the linear accuracy;
4. One key automatic lifting structure, automatic positioning of viscometer;
5. The Scanning Brookfield Gelation Index Test Instrument has the test tube locking function to prevent excessive viscosity from driving the test tube to affect the accuracy;
6. The Scanning Brookfield Gelation Index Test Instrument can automatically scan viscosity, generate gelation curve, and automatically analyze gelation index and gel temperature;
7. Scanning Brookfield Gelation Index Test Instrument adopts linear curve for cooling, and the cooling rate can be edited



**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)