



## TESTER PETROLEUM EQUIPMENT BPTL-229

# TESTER PETROLEUM EQUIPMENT BPTL-229

## AUTOMATIC CFPP TESTER

This instrument is an automatic cold filter plugging point tester designed and manufactured according to the requirements of the industrial standard SH/T 0248-2006 determination of cold filter point of diesel oil and civil heating oil. It is applicable to determine the cold filter point of distillate fuel according to the determination method specified in SH/T 0248-2006, including the cold filter point of fuel containing fluidity improvers or other additives and used for diesel engines and civil heating devices.



1. Intelligent touch control operation, featuring a 10-inch color touch screen. With a simple touch of the keys, operations are completed effortlessly. The user-friendly interface ensures convenient and easy use.
2. Efficient refrigeration system, utilizing a fully enclosed cascade high-efficiency refrigeration compressor combined with a metal cold trap design. No alcohol assistance is required, offering fast cooling speed and high efficiency.
3. Accurate detection technology, equipped with Keyence fiber optic detection technology for high detection sensitivity, ensuring precise and reliable measurement results.
4. The unit adopts a compact design and integrated structure, with a small footprint that facilitates placement and operation in the laboratory.
5. Stable and reliable control system, with the entire unit controlled by an indu

## SPECIFICATIONS

Model	BPTL-229
Temperature range	-70~40°C
Resolution	0.1°C
Pressure measuring range	0~200.0 KPa; resolution 1Pa
Filter	363 mesh stainless steel wire mesh
Refrigeration system	Fully sealed imported compressor refrigeration cycle unit
Power supply	AC220V 50Hz
Alt Name	Automatic CFPP Tester

## FEATURES

1. Intelligent touch control operation, featuring a 10-inch color touch screen. With a simple touch of the keys, operations are completed effortlessly. The user-friendly interface ensures convenient and easy use.
2. Efficient refrigeration system, utilizing a fully enclosed cascade high-efficiency refrigeration compressor combined with a metal cold trap design. No alcohol assistance is required, offering fast cooling speed and high efficiency.
3. Accurate detection technology, equipped with Keyence fiber optic detection technology for high detection sensitivity, ensuring precise and reliable measurement results.
4. The unit adopts a compact design and integrated structure, with a small footprint that facilitates placement and operation in the laboratory.
5. Stable and reliable control system, with the entire unit controlled by an industrial-grade PLC controller, ensuring stable performance and reliable operation.
6. Data storage and management, supporting storage of up to 10,000 sets of historical data, allowing users to easily query and manage experimental records at any time.
7. Efficient experimental auxiliary function, equipped with a mini thermal printer that can automatically print results after the experiment.
8. Features an innovative automatic cleaning function, simplifying post-experiment processing and improving experimental efficiency.
9. Strictly designed in accordance with standard methods, the instrument follows standard procedures for cold filter plugging point determination of samples, ensuring accurate measurement results, good repeatability, stable performance, and simple, easy operation.



**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)