BioLAB

PRODUCT CATALOG

TESTER PETROLEUM EQUIPMENT BJL1N1 (BPTL-209)

CE ISO9001 CERTIFIED

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TESTER PETROLEUM EQUIPMENT BJL1N1

THERMAL STABILITY TEST EQUIPMENT

This Thermal Stability Test Equipment is suitable for testing the stability of Unused mineral oil and synthetic hydrocarbon heat transfer fluids.

The use method is as follows: under a certain test temperature, heat the sample in isolation from the air for a specified time, then observe and record its appearance, calculate the quality of gas-phase decomposition products, conduct gas chromatographic analysis on the samples before and after heating, determine the content of low boiling and high boiling products generated by the samples through simulating the distillation curve, weigh a certain amount of heated samples, and determine the content of products that cannot evaporate in the ball tube distiller, Finally, the deterioration rate of the sample is calculated.

1. This Thermal Stability Test Equipment adopts environment friendly metal bath heating, high-efficiency thermal insulation effect;
2. The Instrument has 1-4 test unit, temperature up to 400 °C;
3. Standard stainless steel experimental oxygen bomb with inlet valve and capacity of 20ml;
4. The Thermal Stability Test Equipment provides an inflation and deflation device, with pressure gauge display and needle valve adjustment.

Standards:

- ASTM D6743-11(2015) Standard Test Method for Thermal Stability of Organic Heat Transfer Fluids;
- DIN 51528 Testing of mineral oils and related products - Determination of thermostability of unused heat transfer fluids.

SPECIFICATIONS

Model	BJL1N1
Old Model	BPTL-209
Applicable standard	ASTM D6743, DIN 51528, SH/T0680, GB/T23971, GB/T23800
Temperature control method	imported PID digital temperature controller
Temperature control range	RT~400℃
Temperature control accuracy	± 0.1℃
Heating method	metal bath
Total power	1KW
Working position	1~4 units
Working power	AC220V ± 10% 50HZ
Timing method	digital timer
Alt Name	Thermal Stability Test Equipment

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