



TESTER PETROLEUM EQUIPMENT BPTL-402

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OIL OXIDATION STABILITY TESTER

The instrument is designed and made as per industrial standard of People's Republic of China SH/T 0193 Lubricating oils-Determination of oxidation stability-Rotating pressure vessel method and ASTM D2272 Standard test Method for Oxidation Stability of Steam Turbine Oils by

Rotating Pressure Vessel. The instrument is used to determine the oxidation stability of steam turbine with the same composition (oil base oil and additive). Also can be used to determine new mineral insulating oil containing 2,6-BHT.



1. Integrated design of the entire machine, desktop structure, high integration, using a touch screen industrial computer, the instrument is equipped with an electric winding machine for making catalyst coils.
2. The metal bath design eliminates the harm of oil fume and environmental pollution to the operator, and simplifies the operation.
3. During the experiment, the glass sample bottle rotates smoothly with low noise.
4. Built in air cooling system to improve the efficiency of continuous testing.
5. It can automatically or manually adjust the pressure, it is convenient to charge or discharge the oxygen.
6. It adopts a high-precision pressure sensor and temperature sensor, the test data is stable and reliable, with temperature overheating protection function.

SPECIFICATIONS

Model	BPTL-402
Temperature control point for test bath	140°C, 150°C
Temperature control accuracy	±0.1°C
Range for pressure sensor	(0~1.6) MPa
Pressure accuracy	±0.5%
Rotation speed	(100±5) r/min
Included angle between oxygen bomb and horizontal plane	30°
Power supply	AC (220±10%) V, 50Hz
Total power consumption	<1000W
Working Temperature	15°C ~ 28°C
Relative humidity	≤85%
Dimension and weight	280 x 500 x 510 mm, about 30 kg
Alt Name	Oil Oxidation Stability Tester

ITEMS INCLUDED

No	Item	Name	Unit	Qty
1	1	Main unit	Set	1
2	2	Teflon cover	Piece	1
3	3	Teflon cover nuts	Piece	3
4	4	Insulation sleeve	Piece	1
5	5	Bakelite handle	Piece	1
6	6	Oxygen bomb sealing ring	Piece	4
7	7	Testing copper wire	Piece	6
8	8	Glass sample container	Piece	4
9	9	Glass sample container cover	Piece	2
10	10	Magnetic holder	Piece	2

11	11	Spring fixing plate	Piece	1
12	12	Special pliers for magnetic holder	Piece	1
13	13	Measuring cylinder (10ml)	Piece	1
14	14	Winding wheel	Piece	1
15	15	Washing bottle	Piece	1



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com