

# AUTOMATIC OXYGEN BOMB CALORIMETER PTL32-14



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## PTL32-14

Meters of Petroleum Equipment measure the consistency of lubricating greases (Penetrometer) or determining their heat value which do not contain water, coal, paraffin and other combustible substance (Oxygen Bomb Calorimeter) or can trace low levels of free, emulsified and dissolved (Coulometric Karl Fischer Titrator)

Used in Petroleum Industry, Petrochemical Industry, Oil Industry.

## PTL32-14 AUTOMATIC OXYGEN BOMB CALORIMETER

The instrument is suitable to determine calorific value of combustible materials such as petroleum products without water (gasoline, jet fuels, diesel oil and fuel oils, etc.), coal, coke and paraffin, etc. This instrument adopts sealed oxygen bomb. The whole structure adopts stainless steel material. The inner water cylinder is composed of stainless steel sheet. The cross section is pyriform and the capacity is 3kg. The external water jacket is double layer container. It filled with water when doing determination. It make the water temperature in the cylinder uniform by water jacket stirrer and form the constant temperature environment meeting the requirements of test.



### SPECIFICATIONS

Model	PTL32-14
Heat capacity	14400 J/K~14500 J/K
Pressure endurance of oxygen bomb	20 MPa
Temperature measurement range	10 °C~35 °C
Repeatability	≤0.2% (Grade C)
Resolution	0.001 K
Measurement accuracy	≤ 60J/g
Data saved	31 pieces
Relative humidity	≤ 85%
Power supply	AC(220±10%)V, 50Hz
Total power consumption	≤150W
Dimension	600×460×430 mm
Optional accessory	Pellet press machine

# LABSTAC

**Labstac LLC**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [contact@mail.labstac.com](mailto:contact@mail.labstac.com) | Website: [labstac.com](http://labstac.com)