

# AUTOMATIC OXYGEN BOMB CALORIMETER PTL32-20



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## PTL32-20

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.

## PTL32-20 AUTOMATIC OXYGEN BOMB CALORIMETER

Adopting semiconductor refrigeration to decide the refrigerating capacity according to the calorific value, the instrument can automatically adjust water temperature and keep water in a relative constant temperature range, realize the continuously and long time test requirement, and make sure the test result is correct. Using USB port, convenient to connect. One computer can control many sets of Oxygen Bomb Calorimeter. Adopting professional discharge water ports, more convenient and fast when the instrument drains away water or change the water. The electronic balance with communication function to share the data by the internet.



### SPECIFICATIONS

Model	PTL32-20
Pressure endurance of oxygen bomb	20 MPa
Measuring temperature range	5°C~40°C
Temperature resolution	0.0001°C
RSD(Relative standard deviation)	≤0.1%
Test time period: main period	about 8mins
Measuring range	5MJ/kg~40MJ/kg
Measuring error	±60J/g (Benzoic acid)
Accuracy	Better than GB/T213-2008 "The determination method of coal calorific value"
Ambient temperature	15°C~35°C
Relative humidity	≤ 85%
Dimension	650×450×450 mm
Net weight	55 kg

# LABSTAC

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