



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Oil Burner Demonstrator

**Product Code :**  
LBNY-0005-12500076



**Description :**

Heating and cooling circuit equipped with expansion vessel, pump, boiler safety group, thermometers, water meter, heat exchanger  
Transparent oil tank with filling and bleed connections  
Functional heating boiler with oil burner  
Boiler with control unit  
Dissipation of generated heat via plate heat exchanger and cold water connection  
Boiler casing equipped with a viewing window made of special glass.

**Technical Specification :**

Pump  
Power consumption: 60W  
Max. Flow rate: 60L/min  
Max. head: 4m  
Burner  
Nominal power: approx. 18kW  
Boiler  
Control unit with temperature limiter  
Nominal rating: 17...21kw  
Plate Heat Exchanger  
10 plates  
Capacity: 3kw  
Boiler Safety Group In Accordance

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Oil tank: 15l

Water meter: 2,5m<sup>3</sup>/h

2,5bar

50kw

Measuring Ranges

Temperature: 1x 0...1200°C / 1x -50...400°C / 1x 0...120°C / 3x 0...80°C

Pressure (oil admission pressure): 1...25bar.



**Laboratory Instrument India**