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Product Name :

Bunsen Burner

Product Code :

SLE/CH/16



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Description :

Bunsen Burner (Product Code: SLE/CH/16) is a routine-heating gas burner built around a 12mm nickel-plated brass tube, with a threaded needle valve to set flame intensity and a rotatableair regulator to shape the flame. It runs on either natural gas or LPG, so the same model canserve labs with piped supply and those using cylinders. Manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, it is a standard Bunsen burner for schools in India,colleges and training laboratories.

Specifications

Parameter	Detail
Burner tube	Brass, nickel plated, 12 mm
Gas control	Rotary, threaded needle valve acting as flame intensity regulator
Air control	Rotatable air regulator
Gas inlet	Serrated inlet tube for secure tubing grip
Base	Coated metal base
Gas compatibility	Natural gas and LPG
Intended duty	Routine laboratory heating

Typical Use

This burner is the everyday heat source of a chemistry practical: boiling water in a beaker on a tripod and gauze, heating solids in a test tube, evaporating solutions to crystallise a salt, and running the dry tests and flame tests of school salt analysis. Biology and physics classes use it too, for warming water baths or demonstrating heat transfer.

The needle valve is what sets this model apart from a basic burner. Students can open the valve a little for a small, steady flame or further for vigorous heating, while the air regulator switches between a yellow safety flame and the hot blue cone. The serrated inlet helps tubing stay on during use; push the tubing well over the serrations and inspect it regularly for cracks.

Manufacturer

Jain Scientific Equipments Private Limited produces this burner under its **ScienceLab** trading name at Ambala, Haryana, and supplies it to educational and research buyers. Learn more in our company profile.

Related Chemistry Lab Equipment

Useful companions for a Bunsen burner heating station:

- Rubber Pipe For Bunsen Burner — flexible gas connection from the tap to the serrated inlet
- Burner Bunsen With Stopcock — a version with a stopcock for complete gas shut-off at the
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