Email : sales@scilabexport.com
Phone: +91-7082934803

**Product Name :**

High Temperature Burner

**Product Code :**

SLE/B/17



Science Lab
Email : sales@scilabexport.com
Phone: +91-7082934803

## Description :

**High Temperature Burner** (Product Code: SLE/B/17) is a gas burner fed with compressed air, used to produce a short, wide and uniformly high-temperature flame for strong heating in analytical, engineering and chemistry laboratories. A special micrometer needle valve meters the gas, compressed air enters a plated, injector-shaped venturi tube at 5 PSI, and a safety cap guards against dangerous back flashes. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

### Specifications

| Parameter | Detail |
|---|---|
| Gas regulation | Special micrometer needle valve |
| Safety | Safety cap prevents dangerous back flashes |
| Mixing tube | Plated, injector-shaped venturi tube |
| Air supply | Direct feed inlet for compressed air |
| Operating air pressure | 5 PSI |
| Fuel | Designed to burn all gases in large volume |
| Flame | Short, wide and uniformly high-temperature |
| Base | Die-cast alloy, plated, octagonal (supplied complete) |
| Product code | SLE/B/17 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

### What Is the High Temperature Burner Used For?

Forcing compressed air into the venturi gives a far more intense flame than a burner that draws air in naturally, and the short, wide shape spreads that heat evenly under large crucibles, dishes and metal specimens. Typical applications include fusions and ignitions in analytical labs, heating larger samples to high temperature, and glass or metal working demonstrations. In engineering lab equipment set-ups in India, such as materials and metallurgy training rooms, it offers bench-scale high-temperature heating without a furnace.

Connect a regulated compressed-air line set to 5 PSI and the gas supply, open the gas slightly with the micrometer valve, light it, then introduce air gradually until the flame becomes short and intensely blue. Wear eye protection, keep the area around the burner clear of combustibles, and shut off the gas before the air when finishing.

### OEM Manufacturer

**Jain Scientific Equipments Private Limited**, which trades as ScienceLab, is the original equip…sed factor…an a resell… guest…

Email : sales@scilabexport.com
Phone: +91-7082934803