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Product Name :

High Temperature Burner

Product Code :

SLE/B/17



Science Lab
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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…

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