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Product Name :

Burner, High-Temperature Natural Gas

Product Code :

SLE/B/03



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Description :

Burner, High-Temperature Natural Gas (Product Code: SLE/B/03) is a Meker-type laboratory burner used to produce a very hot, broad flame for jobs such as heating platinum wire, igniting crucibles and fusions in chemistry labs. Its honeycombed monel grid cap splits the gas into many uniform blue cones, and it stands 8 1/2 in tall on a one-piece chrome-plated venturi tube. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of chemistry lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Type	Meker-type high-temperature burner
Gas	Natural gas
Overall height	8 1/2 in
Venturi tube	One-piece, chrome-plated
Cap	Honeycombed monel grid forming many uniform blue (hot) cones
Flame	Very hot, as for heating platinum wire
Product code	SLE/B/03
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the High-Temperature Natural Gas Burner Used For?

A Meker burner is chosen when a Bunsen flame is not hot or wide enough. Typical jobs are igniting precipitates in crucibles during gravimetric analysis, heating crucibles to constant mass, small fusions, and cleaning or heating platinum wire between samples in flame tests. Because the monel grid creates a bed of small blue cones, heat is spread across the whole top of the burner and a crucible or dish warms more evenly.

Connect the burner to a natural gas outlet with good tubing, light it at the grid and adjust the gas until the small cones are uniform and blue. Rest the crucible on a pipe-clay triangle just above the cones and handle hot ware only with tongs. Colleges teaching quantitative analysis and schools running a flame test kit find it a practical addition to their chemistry lab equipment.

OEM Manufacturer

This Meker-type burner is an OEM product of Jain Scientific Equipments Private Limited, which trades as ScienceLab. The company makes it at its own licensed factory at Saha, Ambala, Haryana, India, and sells it straight from the factory to colleges, analytical teaching labs, dealers and importers instead of through a trading middleman. Questions about spare grids or repeat batches of SLE/B/03 can be put to us directly. Company details are on the profile page.

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