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Product Name :

Meker Burner Heavy Base

Product Code :

SLE/B/21



Description :

Meker Burner Heavy Base (Product Code: SLE/B/21) is a Meker-type gas burner used for high-temperature work such as crucible ignitions in chemistry and analytical laboratories. Its heavy, wide die-cast metal base, 80 mm across, carries a nickel-plated burner tube topped by a 25 mm perforated plate that gives a stable flame with high, evenly distributed temperature. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, as chemistry lab equipment in India and for international markets.

Specifications

Parameter	Detail
Type	Meker-type gas burner, heavy-base version
Base	Heavy, wide die-cast metal base, 80 mm diameter
Overall height	150 mm
Burner tube	Nickel-plated
Burner head	Perforated plate, 25 mm diameter, at the top of the tube
Air control	Rotatable air regulator around the jet
Gas connection	Riffled gas inlet
Flame	Stable flame with high, evenly distributed temperature, for high-temperature work
Product code	SLE/B/21
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Meker Burner Heavy Base Used For?

In analytical and inorganic practicals this burner is chosen when a standard Bunsen flame is not hot or wide enough: igniting precipitates in a crucible to constant mass, driving water of crystallisation out of salts, heating metal oxides, or bringing a hard-glass tube to a strong, uniform heat. Because the perforated plate spreads the flame across its full 25 mm width, a crucible sitting in a clay triangle is heated from below over its whole base rather than at a single hot spot.

Push the gas tubing fully over the riffled inlet, light the gas at the head, and then turn the air regulator gradually until the flame over the plate becomes short, blue and even. The wide 80 mm base keeps the burner steady under a tripod during long heating runs, which matters in a busy school chemistry lab equipment setup where benches are shared by several students.

OEM Manufacturer

The Meker Burner Heavy Base is built by its OEM (original equipment manufacturer), **Jain**
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