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

Product Name :

Blow Pipe Brass

Product Code :

SLE/CH/84



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Description :

The **Blow Pipe Brass** (Product Code: SLE/CH/84) is a cylindrical brass tube, 12 inches long in a single piece, with a galvanised surface finish. By blowing a steady stream of air through it into a flame, a student turns a broad burner flame into a small, intensely hot pointed flame that can be aimed at a sample. It remains a standard tool for the charcoal block tests of dry qualitative analysis in school chemistry lab equipment sets across India. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Material	Brass
Shape	Cylindrical
Single piece length	12 inch
Surface finish	Galvanised

Typical Use

In the charcoal cavity test, a pinch of the salt is mixed with sodium carbonate, packed into a small hollow in a charcoal block, and heated with a blowpipe flame. The colour of the residue, any metallic bead and any incrustation help identify the metal ion, which is why the blowpipe features in salt analysis practicals for senior secondary and first-year college students. Holding the nozzle just outside the burner flame produces a reducing flame, while pushing it slightly into the flame gives an oxidising flame, so students learn to see both effects on the same sample.

The trick is to breathe through the nose while using puffed cheeks to push air through the pipe, giving a long, even blast rather than short puffs. Work over a heat-resistant surface, keep hair and sleeves clear of the flame, and allow the brass tip to cool before handing the pipe to the next student. Wipe the mouthpiece with alcohol between users for hygiene.

Manufacturer

This blowpipe comes from **Jain Scientific Equipments Private Limited**, whose products carry the **ScienceLab** name. The company is located in Ambala, Haryana, India, and manufactures metal and glass laboratory apparatus; visit the company profile for more.

Related Chemistry Lab Equipment

Everything needed for blowpipe and charcoal block tests:

- Charcoal Block — the support in which the sample is heated
- Bunsen Burner — supplies the flame the blowpipe directs
- Glass Spirit Lamp — a flame source for labs without a gas line
- Blow Pipe — an alternative blowpipe listed in our biology range
- Safety Goggles — protects eyes from spitting residue during heating

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