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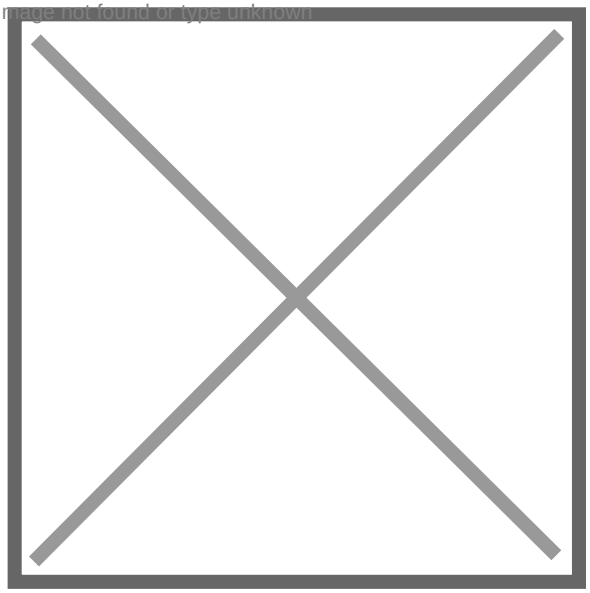
Product Name :

Simple Gas Combustion Equipment

Product Code :

SCI-411/010

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Description :

Simple Gas Combustion Equipment (Product Code: SCI-411/010) is a glass test-tube apparatus used to show how gases burn and which gases support burning; it belongs with basic school chemistry lab equipment in India. An 18 mm × 160 mm glass test tube is closed by a one-hole rubber stopper carrying a glass tube of 8 mm outer diameter, at whose tip a gas can be lit under supervision. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Test tube	Glass, 18 mm diameter × 160 mm length
Outlet tube	Glass, 8 mm outer diameter (shape not specified; confirm when ordering)
Stopper	Rubber, with a hole
Product code	SCI-411/010
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Gas Combustion Apparatus Used For?

The equipment serves two kinds of combustion lesson. In the first, gas produced in the test tube escapes through the glass outlet and, once the air has been driven out and a sample has burned quietly, the jet is lit so pupils can watch the flame and see water condense on a cold, dry surface held above a hydrogen flame. In the second, the set shows whether a gas supports burning, for example a glowing splint relighting in oxygen.

Lighting a hydrogen jet is a teacher demonstration: use small amounts of reactants, test the gas first, stand behind a safety screen and make sure everyone wears eye protection. Clamp the tube firmly, keep the stopper tight so gas leaves only through the outlet, and let the glass cool before cleaning it. In a chemistry experiment kit, the set pairs well with a deflagrating spoon so pupils can also watch solids burn in a gas.

What to Specify When Ordering

- The number of sets for demonstrations or student groups.
- The outlet tube form you need, for example straight or drawn to a jet, since the listing gives only its 8 mm outer diameter.
- Spare holed stoppers and outlet tubes.
- Eye protection for the class, if your lab does not already have it.

OEM Manufacturer

The Simple Gas Combustion Equipment is an OEM product of ScienceLab, the trading name of Jain Scientific Equipments Private Limited, and is built at the company's own licensed factory at Saha
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