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

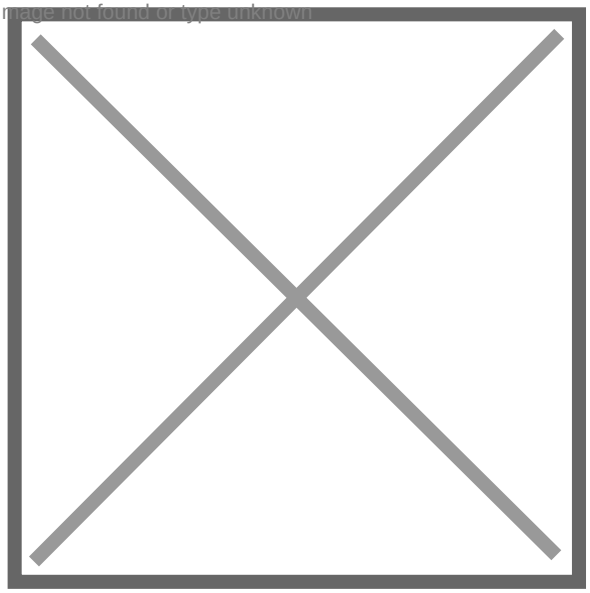
**Product Name :**

Spoons for Burning

**Product Code :**

SCI-291/027

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

# Description :

**Spoons for Burning** (Product Code: SCI-291/027) is a deflagrating (combustion) spoon — a small hemispherical cup on a long wire handle — used to hold, ignite and lower small amounts of a substance into a jar of gas in chemistry laboratories. A standard piece of chemistry lab equipment in India, it is used for demonstrations of burning elements in air and in oxygen, withthe long handle keeping hands well away from the flame. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

## Specifications

| Parameter | Detail |
|---|---|
| Type | Deflagrating (burning) spoon with a hemispherical cup on a wire |
| Wire length | 3000 mm as listed; please confirm when ordering |
| Hemisphere (cup) diameter | 2.5 mm as listed; please confirm when ordering |
| Use | Laboratory |
| Product code | SCI-291/027 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

## What Is the Deflagrating Spoon Used For?

The spoon's classic job is to compare how substances burn in air and in pure oxygen. A small piece of the solid is placed in the cup, warmed in a lamp or burner flame until it catches, then lowered into a gas jar of oxygen, where the flame brightens noticeably. After the burn, students add a little water to the jar and test it with indicator to decide whether the oxide formed is acidic or basic. It works hand in hand with the gas collection apparatus in India's school chemistry labs, where the oxygen is prepared first.

Use only a very small quantity of substance, wear eye protection and keep a gas jar cover ready to close the jar once the sample has burned. Substances that give irritating fumes, such as sulphur, should be burned in a fume cupboard or a well-ventilated room. Rest the hot spoon on a heat-resistant mat and, once it has cooled, scrape the residue out of the cup so that it does not react with the next sample.

## What to Specify When Ordering

- Quantity: one per demonstration bench or one per student group.
- Wire length and cup diameter, to be confirmed against the listed 3000 mm and 2.5 mm.
- Whether gas jars, covers or a lamp should be quoted on the same order.

## OEM Manufacturer

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, is the OEM that make g from s abou s are a

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