Email : sales@scilabexport.com
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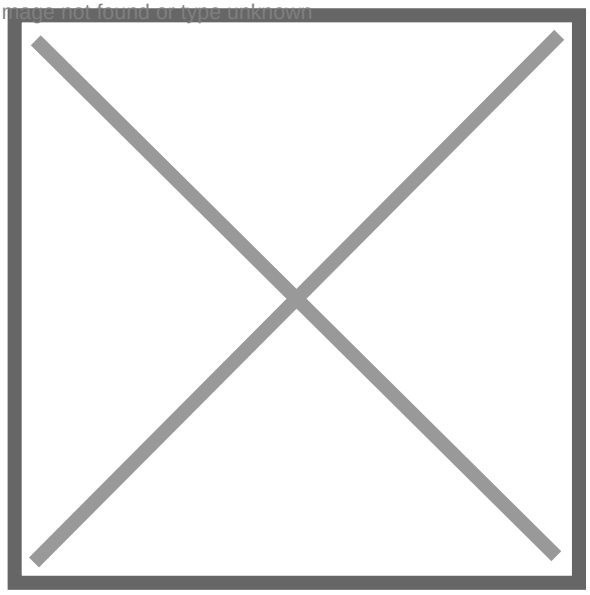
**Product Name :**

Acid-Base Environment of the Solution (chart)

**Product Code :**

SCI-388/160

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## Description :

**Acid-Base Environment of the Solution (chart)** (Product Code: SCI-388/160) is a wall-mounted teaching chart used to explain how a solution becomes acidic, neutral or alkaline in school and college chemistry laboratories. The 70 cm x 100 cm laminated sheet supportsindicator practicals and neutralisation lessons, where students must judge the nature of a solutionfrom a colour change. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

### Specifications

| Parameter | Detail |
|---|---|
| Topic | Acid-base environment (acidic, neutral or alkaline medium) of solutions |
| Size | 70 cm x 100 cm |
| Coating | Laminated |
| Mounting | Wall mounted |
| For use in | Classrooms and laboratories |
| Product code | SCI-388/160 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

### What Is the Acid-Base Solution Chart Used For?

The character of an aqueous solution depends on the balance between hydrogen ions and hydroxide ions. When hydrogen ions are in excess the medium is acidic, when hydroxide ions dominate it is alkaline, and when the two are equal it is neutral. Strong acids such as hydrochloric acid ionise almost completely, while weak acids such as ethanoic acid ionise only partly, so solutions of equal concentration can have quite different pH values.

The chart is a useful anchor for neutralisation work: adding an alkali to an acid until an indicator changes colour, explaining why antacid tablets relieve acidity, or why lime is added to acidic soil. Used with an acid base indicator kit — methyl orange, methyl red, litmus and universal indicator — it lets students predict colour changes before testing and discuss their results with the chart in view.

### OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM of the Acid-Base Environment of the Solution (chart) and makes it at its own licensed factory at Saha, Ambala, Haryana, India. The company is a registered MSME manufacturer (Udyam UDYAM-HR-01-0003714) and ships export orders under Importer-Exporter Code AAECJ8618A (DGFT), so the same chart can go to schools in India and to importers abroad. Replacement copies and repeat orders are handled by the manufacturer itself — ask us. More on the company profile.

### Rela

Indica

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