



Email : [sales@scilabexport.com](mailto:sales@scilabexport.com)

Phone: +91-7082934803

**Product Name :**

Thickness gauge

**Product Code :**

SLE/CE/97



**Website:** <https://www.scilabexport.com>, **Email:** [sales@scilabexport.com](mailto:sales@scilabexport.com)

1226/1-5, Bengali Mohalla, Science Market | 133001, Haryana



**Thickness gauge** (Product Code: SLE/CE/97) is a slotted gauge used to decide whether individual aggregate particles are flaky, meaning thinner than 0.6 of their nominal size, in civil engineering and highway materials laboratories. Materials labs and engineering colleges use it for flakiness index work; it has seven slots from  $4.9 \times 30$  mm to  $33.9 \times 100$  mm on a  $310 \times 130 \times 10$  mm body. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

| Parameter         | Detail                                                                                             |
|-------------------|----------------------------------------------------------------------------------------------------|
| Purpose           | Identifies flaky aggregate particles (thickness less than 0.6 of nominal size)                     |
| Number of slots   | 7                                                                                                  |
| Slot sizes        | 4.9 × 30 mm, 7.2 × 40 mm, 10.2 × 50 mm, 14.4 × 60 mm, 19.7 × 80 mm, 26.3 × 90 mm and 33.9 × 100 mm |
| Dimensions        | 310 × 130 × 10 mm                                                                                  |
| Weight            | 0.4 kg (approx.)                                                                                   |
| Product code      | SLE/CE/97                                                                                          |
| Manufacturer      | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM                                              |
| Country of origin | India (made in Ambala, Haryana)                                                                    |

Flaky particles break easily under rollers and traffic and reduce the workability of concrete, so specifications limit how many a coarse aggregate may contain. For the flakiness index, the sample is first sieved into size fractions, and each particle of a fraction is tried by hand in the slot that matches that fraction. Particles that pass through the slot are flaky; their total mass as a percentage of the sample mass gives the flakiness index.

OEM Manufacturer

Colleges, testing laboratories, dealers and importers can place repeat orders with the manufacturer. [More on the Science](#)

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