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Product Name :

Fill Box Apparatus

Product Code :

SLE/CE/17



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Description :

Fill Box Apparatus (Product Code: SLE/CE/17) is a transparent test container used to measure the filling ability of self-compacting concrete in concrete technology and civil engineering laboratories. It is intended for SCC with a maximum aggregate size of 20 mm, and its see-through walls let students and technicians watch how completely the mix fills the box. **Jain Scientific Equipments Pvt Ltd (ScienceLab)** builds it as the OEM at its own factory in Ambala, India.

Specifications

Parameter	Detail
Test property	Filling ability of self-compacting concrete
Maximum aggregate size	20 mm
Container	Transparent, with a flat and smooth surface
Dimensions	500 × 300 × 900 mm
Weight (approx.)	5 kg
Product code	SLE/CE/17
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Fill Box Used For?

Filling ability describes how well self-compacting concrete flows into and fills every part of a formwork space under its own weight, with no vibration. In the fill box test the mix is poured into the container and allowed to settle by itself; because the walls are transparent, the operator can see voids, blockages or uneven levels and compare one mix design with another.

Before testing, confirm the coarse aggregate is within the 20 mm limit, since larger stones make the result meaningless. At about 5 kg the box is easy to carry between the mixing area and the wash-down point, but clean it with water and soft cloths rather than scrapers so the flat, smooth surface stays clear. Labs choosing an engineering lab equipment manufacturer for SCC work often order the fill box together with the related apparatus listed below.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the original equipment manufacturer (OEM) of the Fill Box Apparatus and produces it at its licensed factory in Saha, Ambala, Haryana. Because the box comes factory-direct, engineering colleges, testing laboratories, dealers and importers receive quotations and follow-up support from the people who make it. Questions about matching repeat orders or replacement parts can be sent straight to us. Company background is on the ScienceLab company profile.

Related Civil Engineering Lab Equipment

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