



Email : sales@scilabexport.com

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Product Name :

Soil extruder, motor operated

Product Code :

SLE/CE/76



Website: <https://www.scilabexport.com>, **Email:** sales@scilabexport.com

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Description :

Soil extruder, motor operated (Product Code: SLE/CE/76) is a hydraulic sample extruder used to push soil samples out of sampling tubes in geotechnical and civil engineering laboratories. Soil mechanics labs at universities, polytechnics and site-investigation firms use it for tubes up to 160 mm external diameter, with a 60 kN maximum load and a 900 mm ram stroke. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of engineering lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Drive	Motor operated hydraulic system; a lever controls the extruding speed and the hydraulic valve for the extrusion or return movement
Power	750 W
Maximum load	60 kN
Maximum ram stroke	900 mm
Maximum working ram speed	6 mm/s
Maximum external diameter of sample tubes	160 mm
Working position	Vertical or horizontal; sampling tubes are held by an adjustable V-shape bearing
Stop control	Ram can be stopped at any point of its travel
Overall dimensions, horizontal (l × w × h)	2730 × 409 × 1180 mm
Overall dimensions, vertical (l × w × h)	1025 × 409 × 1080 mm, without accessories
Weight	Approx. 160 kg
Space saving	Hydraulic cylinder assembly and receiving table can be lowered alongside the machine when not in use
Tube adaptors	Not included; a range of standard adaptors is ordered separately
Product code	SLE/CE/76
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Soil Extruder Used For?

Soil samples are pushed out of sampling tubes. The specimens are as little disturbed as possible during the process.

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