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Product Name :

Soil extruder, motor operated

Product Code :

SLE/CE/76



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 diameterof 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?

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