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Product Name :

Soil Augers

Product Code :

SLE/CE/69



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Description :

Soil Augers (Product Code: SLE/CE/69) are hand-turned boring tools used to drill shallow holes and bring up disturbed soil samples for site investigation, soil surveys and environmental sampling. Field engineers and teaching labs choose between clay, standard, mud (Dutch) and sand patterns in 76 mm or 102 mm diameter, joined to a T-handle by quick-connect extensions. They are made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer and laboratory equipment exporter from India, at its own factory in Ambala.

Specifications

Parameter	Detail
Construction	Lightweight but sturdy augers, T-handle and extensions, easy to transport
Connections	Precision quick-connect fittings of high-strength steel on augers and extensions
Bits	Heat-treated super alloy bits that can be rebuilt when worn
Clay auger	Open bit for cohesive soils; 3 in (76 mm) or 4 in (102 mm) diameter
Standard soil auger	Open bit for most soil types; 76 mm or 102 mm diameter
Mud (Dutch) auger	Open design for muck-like, boggy and root-bound soils; 76 mm diameter only
Sand auger	Closed bit that retains cuttings in looser granular soils; 76 mm or 102 mm diameter
One-piece soil sampler	Steel construction with T-handle for tougher soils; 11 in (279 mm) or 14 in (360 mm) long
Handles and extensions	T-design handles; extensions from 2 to 5 ft (610 to 1,524 mm) long
Other versions	Threaded-connector systems and stainless steel systems for environmental sampling
Product code	SLE/CE/69
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Soil Auger Used For?

The auger head is twisted into the ground with the T-handle, lifted out every few turns, and the soil caught in the bit is laid out in order of depth to build a simple log of the layers. Extensions are clicked on as the hole deepens. Open bits release sticky clay and moist soil easily, the closed sand bit stops dry granular soil from falling back down the hole, and the Dutch pattern cuts through wet, root-bound ground.

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