Email : sales@scilabexport.com
Phone: +91-7082934803

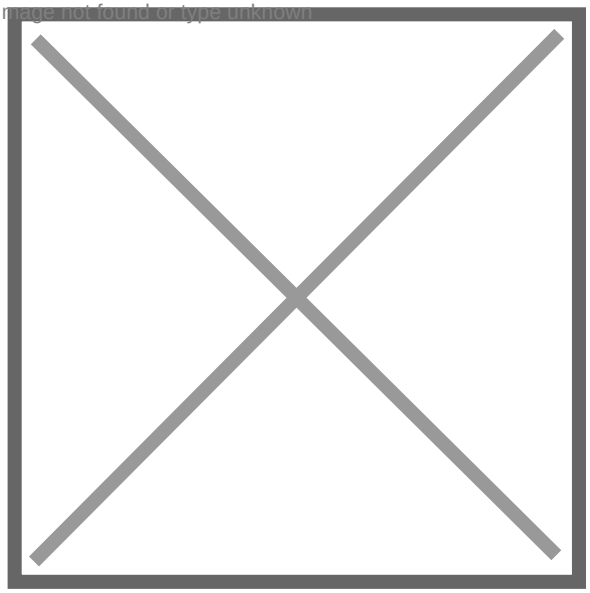
Product Name :

Centrifuge Extractor – Motorised

Product Code :

SLE/CE/83

Image not found or type unknown



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Centrifuge Extractor – Motorised (Product Code: SLE/CE/83) is an electrically driven centrifuge used to wash bitumen out of bituminous paving mix samples with a solvent, so that binder content can be determined in highway and civil engineering laboratories. It takes samples of up to 1500 g and runs at 2,400 to 3,600 rpm, with a dimmer stat for speed control. It is made at its own Ambala factory by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM engineering lab equipment manufacturer in India.

Specifications

Parameter	Detail
Operation	Electrical (motorised)
Speed control	Dimmer stat
Speed range	2,400 to 3,600 rpm
Capacity	1500 g
Power supply	230 V, 50 Hz, single phase, AC
Product code	SLE/CE/83
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Motorised Centrifuge Extractor Used For?

Checking how much bitumen a mix really contains is a routine quality test on road projects. A weighed sample of loose mix is placed in the extractor bowl and soaked in solvent until the binder dissolves; the bowl is then spun so the solvent carrying the bitumen is thrown out and drained away. Washing and spinning are repeated until the solvent runs clear, and the dried aggregate left behind is weighed — the loss in mass gives the binder content.

The recovered aggregate can then be sieved to confirm the grading of the mix. With the dimmer stat, bring the speed up gradually rather than switching straight to full speed, so solvent does not splash. Work in a well-ventilated area, keep the lid secured while the bowl turns and wait for it to stop before opening. Laboratories comparing a laboratory centrifuge in India for bitumen work should match the 1500 g capacity to their usual sample size.

What to Specify When Ordering

- Confirmation that your laboratory supply is 230 V, 50 Hz, single phase AC
- Number of extractors needed for your student batches or daily sample load
- Whether filter papers or rings for the bowl should be quoted — ask us what is included

OEM Manufacturer

Scien
U293
produ
Amba

Email : sales@scilabexport.com
Phone: +91-7082934803