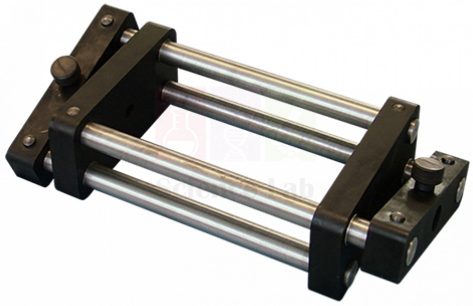
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Product Name :

Compression Cage

Product Code :

SLE/ETP/18



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Description :

Compression Cage (Product Code: SLE/ETP/18) is a testing-machine ancillary used to adaptthe Bench Top Tensile Testing Machine for experiments that need a compressive load, inmaterials testing laboratories. It measures 100 mm square by 130 mm high, fits into themachine's tensile test area, and is an essential ancillary to the Brinell Hardness Test Set. It ismade by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM and technical educational equipment manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Size	100 mm square and 130 mm high
Function	Adapts the testing machine for experiments that need a compressive load
Fits	Tensile test area of the Bench Top Tensile Testing Machine
Used with	Essential ancillary to the Brinell Hardness Test Set
Product code	SLE/ETP/18
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Compression Cage Used For?

A tensile machine is built to pull, but many useful experiments need a push. A compression cage solves this by turning the pulling action of the machine into a squeezing action on whatever is placed inside the cage. That lets one bench-top machine cover both tension and compression work, which makes good use of bench space in a teaching lab.

Its main role is Brinell hardness testing, where the indenter must be pressed into a specimen with a known load, but the same principle applies to other compressive-load experiments set up on the machine. Seat the cage squarely in the tensile test area, centre the specimen inside it, and apply load slowly so students can watch the machine's load reading rise.

What to Specify When Ordering

- Whether your laboratory already has the Bench Top Tensile Testing Machine, whose tensile test area the cage fits.
- Whether you also need the Brinell indenter and magnifier for hardness testing.
- The number of cages, usually one per testing machine.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, manufactures the Compression Cage as its OEM (original equipment manufacturer) alongside the Bench Top Tensile Testing Machine it fits. It is made at the company's own licensed factory at Saha, Ambala, Harya
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build

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