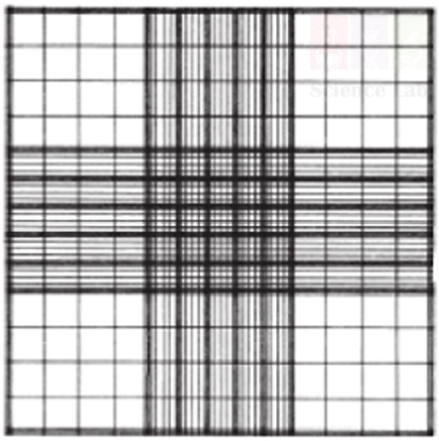
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Product Name :

Counting Chamber Neubauer

Product Code :

SLE/CL/27



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Description :

Counting Chamber Neubauer (Product Code: SLE/CL/27) is a glass counting chamber with an improved Neubauer double grid and a chamber depth of 0.1mm, used to count cells in a known volume of diluted fluid under a microscope. Clinical laboratories with basic diagnostic activity useit for manual blood cell counts, and college laboratories use the same chamber to count yeast or cultured cells in practical work. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as a dependable haemocytometer for Indian labs that still rely on manual counting or need a back-up to automated analysers.

Specifications

Parameter	Detail
Material	Glass
Ruling	Double grid, improved Neubauer
Chamber depth	0.1mm
Counting area	Approximately 9 mm² (ruled grid)
Intended use	Cell counting
Suitable for	Clinical laboratories with basic diagnostic activity

Typical Use

The sample is first diluted in a suitable diluting fluid, a flat cover glass is placed across the raised supports, and the chamber is filled from the edge by capillary action. Once the cells settle, the technician counts them in defined squares of the grid under the microscope. Because the ruled area and the 0.1mm depth fix the volume above each square, the count can be converted into cells per unit volume by allowing for the squares counted and the dilution used. The double grid lets two separate fillings, or duplicate counts of one sample, be read on the same chamber.

Accurate counting depends on care: mix the diluted sample well before loading, avoid overfilling so liquid does not spill into the moats, and count cells touching the boundary lines on two sides only. Clean the chamber straight after use with distilled water and a soft lens tissue, and never use abrasive cleaners that could scratch the ruled surface. Laboratories in India choosing a cell counting hemocytometer for training benches often keep several chambers so students can practise in parallel.

Manufacturer

The chamber is produced by Jain Scientific Equipments Private Limited, which does business as ScienceLab from its base in Ambala, Haryana, and makes equipment for diagnostic, college and school laboratories. Buyers equipping a haematology bench can source the chamber together with microscopes, pipettors and counters. More information is available on the company profile.

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