

Hemocytometer

(Counting Chamber, Blood Cell Counting Chamber, Cell Counting Slide)

Product Overview

Premium Hemocytometer provides accurate cell counting with a precision-engineered counting chamber, ideal for laboratory applications including hematology, cell culture microbiology, and biological research.

Labelling: The Hemocytometer features clear and permanent engraved grid markings to ensure accurate identification of counting areas. Product labels and packaging can be customized with customer branding, batch information, and barcode identification for laboratory management.

Handling: Handle the Hemocytometer carefully to maintain the precision counting surface and optical quality. Clean the chamber and cover glass after each use according to laboratory procedures. Avoid scratching the engraved grid area and store in a protective case when not in use.

Key Specifications

- Material
 - Chamber Type
 - Counting Grid
 - Surface
 - Accessories
 - Applications

Optical Glass

Neubauer improved, Thoma, Fuchs-rosenthal

Precision etched ruling for accurate cell counting
High-quality polished optical surface

Includes special cover glass (depending on model)
Blood Cell Counting, Cell Culture, Microbiology, Laboratory Research

Model Selection Matrix

Choose by box quantity, glass grade and edge configuration.

- The slide surface is divided into two large filed (for inscriptions) and three narrow ridges (ground and polished)
- Double ruling and all group squares with triple boundary lines for counting
- Formula: Particles per μl volume = Counted particles/(Counted surface $\times$ chamber depth $\times$ Dilution)

TYPE	TEST AREAS	CHAMBER DEPTH
Neubauer improved	9 large squares $\times 1\text{mm}^2$ 25 group squares $\times 0.04\text{mm}^2$ 16 mini squares $\times 0.0025\text{mm}^2$	0.1mm
Thoma	1 large center squares $\times 1\text{mm}^2$ 16 group squares $\times 0.0625\text{mm}^2$ 16 mini squares $\times 0.0025\text{mm}^2$	0.1mm
Fuchs-rosenthal	16 large squares $\times 1\text{mm}^2$, 16 group squares 0.0625mm^2	0.2mm