



## Cell counting chamber

### Neubauer improved - Bürker - Fuchs-Rosenthal - Thoma - Malassez

Cell count is a routine practice in hospitals and research laboratories for analyzing blood abnormalities and for carrying out cell culture experiments. Counting chambers are special microscope slides made of a unique piece of optical glass with

a net ruling engraved on surface.

Counting chambers are available with simple and double net ruling suitable for those cases in which it is necessary to make analysis in duplicate.

**STANDARD:** the ruling is engraved on the bottom of the chamber and under the microscope it appears as a grid of dark lines.  
**WITH CLAMPS:** similar to standard format but in this case the counting chamber is provided with a pair of clamps to hold the cover glass.

**BRIGHT-LINED:** they present a rhodium-coated bottom that makes the ruling appear as a grid of bright lines under the microscope thus, allowing an optimum contrast.

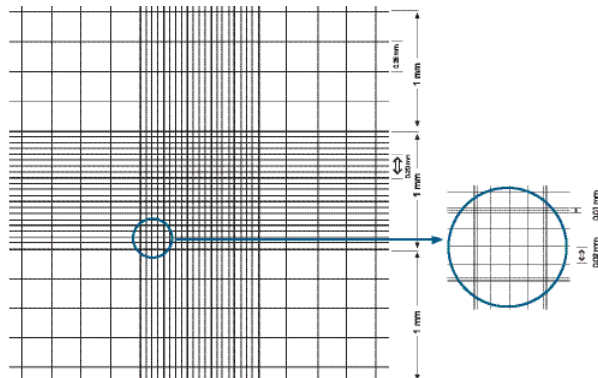


## Cover glasses

Made of soda glass and with cut edges and a thickness of 0.4 mm  
They are supplied in boxes of 10 units.

Code	Dimensions
ZMB036	20x26 mm
ZMB037	22x22 mm
ZMB038	24x24 mm

## Neubauer improved counting chambers

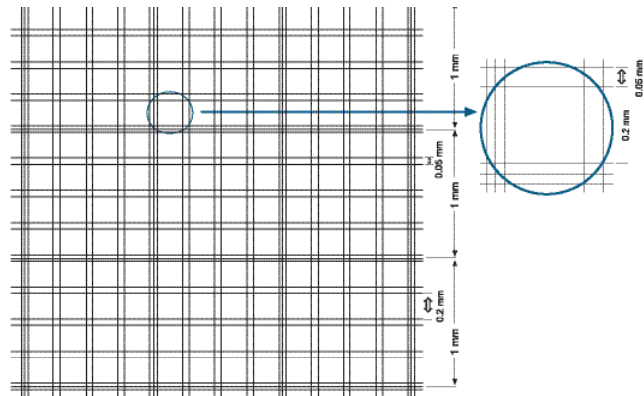


- Depth: 0.100 mm
- Volume in 1 mm<sup>2</sup>: 0.1 µL
- Area minimum: 0.0025 mm<sup>2</sup>
- They are mainly used for counting erythrocytes, thrombocytes and leukocytes.
- With CE marked.

Code	Formato
ZMB027	[1] Standard, double net ruling dark-lined
ZMB028	[2] With clamps, double net ruling dark-lined
ZMB029	[3] Double net ruling bright-lined
ZMB050	[3] With clamps, double net ruling bright-lined
ZMB053	[1] Standard, double net ruling dark-lined



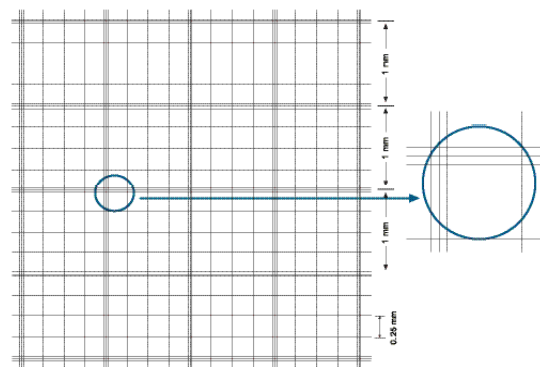
## Bürker counting chambers



- Depth: 0.100 mm
- Volume in 1 mm<sup>2</sup>: 0.1 μL
- Area minimum: 0.0025 mm<sup>2</sup>
- They are mainly used for counting erythrocytes and thrombocytes.
- With CE marked.

Code	Format
ZMB013	[1] Standard, double net ruling dark-lined
ZMB015	[3] Double net ruling bright-lined

## Fuchs-Rosenthal counting chambers

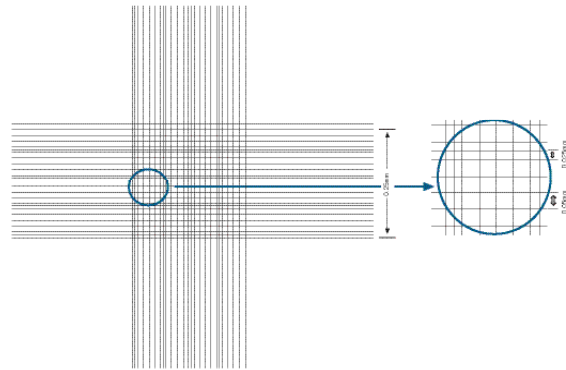


- Depth: 0.200 mm
- Volume in 1 mm<sup>2</sup>: 0.2 μL
- Area minimum: 0.0625 mm<sup>2</sup>
- They are mainly used for counting cells in cerebrospinal fluids (CSF).
- With CE marked.

Code	Format
ZMB017	[1] Standard, dark-lined double net ruling
ZMB018	[2] With clamps, dark-lined double net ruling
ZMB019	[3] Bright-lined double net ruling



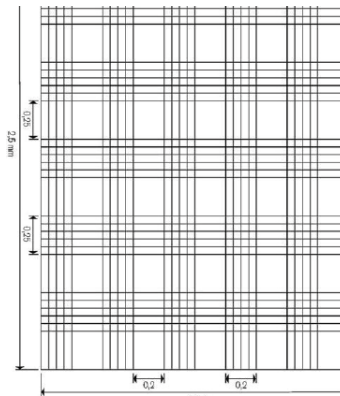
## Thoma counting chambers



- Depth: 0.100 mm
- Volume in 1 mm<sup>2</sup>: 0.1 μL
- Area minimum: 0.0025 mm<sup>2</sup>
- They are mainly used for counting erythrocytes and thrombocytes.
- With CE marked.

Code	Format
ZMB031	[1] Standard, dark-lined double net ruling
ZMB032	[2] With clamps, dark-lined double net ruling
ZMB033	[3] Bright-lined double net ruling

## Malassez counting chambers



- Depth: 0.200 mm
- Volume in 1 mm<sup>2</sup>: 0.2 μL
- Area minimum: 0.0025 mm<sup>2</sup>
- They are mainly used for counting blood cells.
- With CE marked.

Code	Format
ZMB021	[1] Standard, dark-lined double net ruling