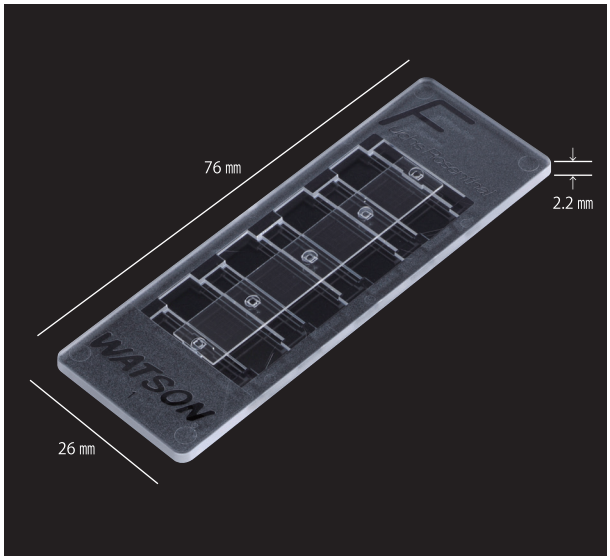
Measuring Plates

Cell Counter Plate

Microscale Slide

Cell Counter Plate



Disposable Cell Counting Plate

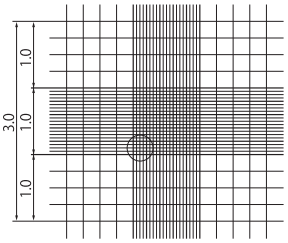
- Cost-saving as 4 times per plate.
- Better grid linearity & smoothness, and lower cost compared with the glass plate.
- Easy to count due to clear visibility.
- Plastic cover film is originally set on the plate.
- 4 Grid patterns are available for choice (See below).

Packaged in a plastic case

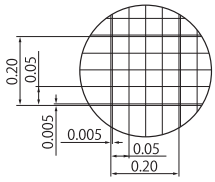
The plastic case prevents damage and stores cell counters safely and cleanly.

4 Grid Patterns

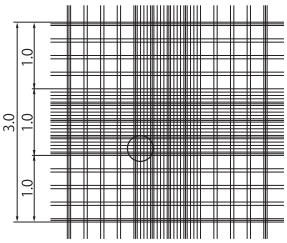
177-112C
Neubauer Improved



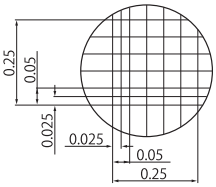
1 /10 mmdeep, 1 / 400 & 1 /16 sqmm



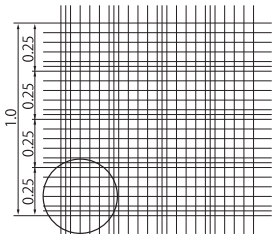
177-212C
Burker-Turk



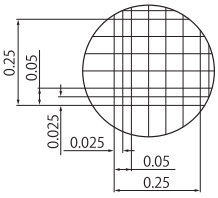
1 / 10 mmdeep, 1 / 400 & 1 / 25 sqmm



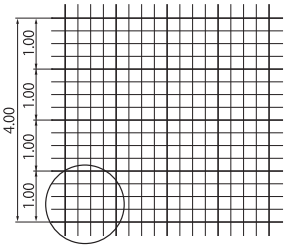
177-312C
Thoma



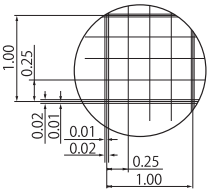
1 / 10 mmdeep, 1 / 400 sqmm



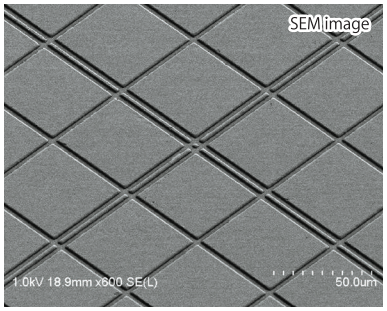
177-512C
Fuchs Rosenthal



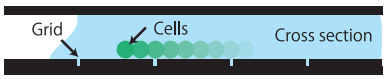
1 / 5 mmdeep, 1 / 16 sqmm

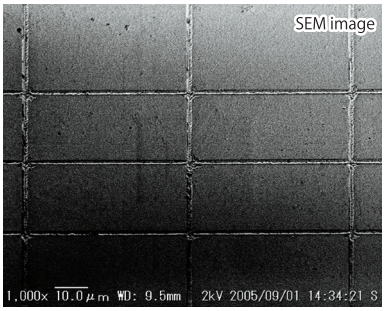


Easier to count because cells do not get stuck on the grid lines that are molded in the groove form.
Cells are easier to be observed because the grid lines are thinner and smoother than glass slide.

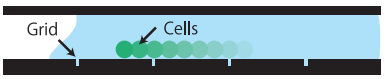


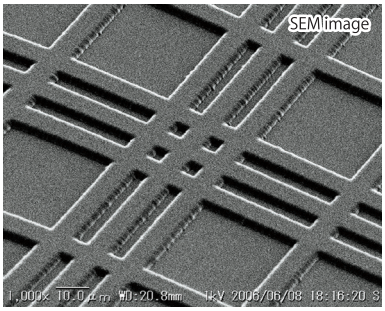
Watson (Grid lines are in the groove form)



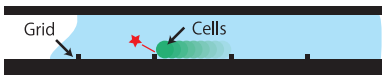


Glass (Grid lines are rough)





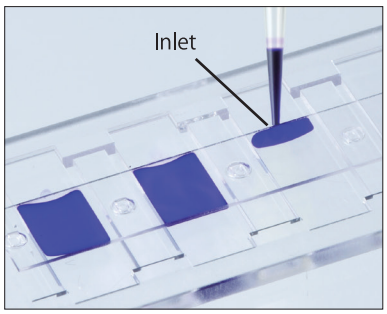
Other Companies plastic grid (Grid lines are convex)

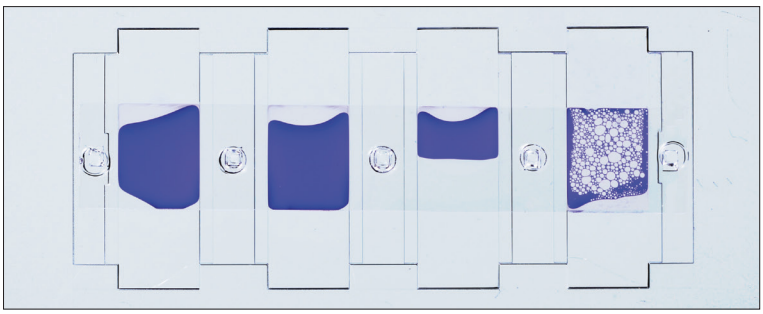


The set plastic cover provides easy handling

The plastic cover is originally set on the plate and it helps to reduce fluctuation of cell count caused by operator's skill.

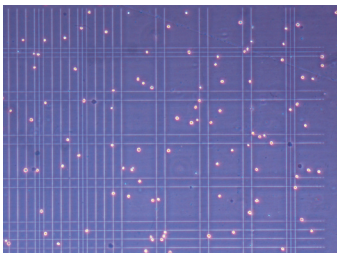
1. Pipette 6 µL of a sample (12 µL only for Fuchs Rosenthal) into the inlet.
*When injecting into the sample inlet is difficult, several times of pipetting is needed.





Good Good NG Bubbles NG

2. Set a Cell Counter Plate on microscope and leave it for 2 - 3 minutes.



3. Count cells.

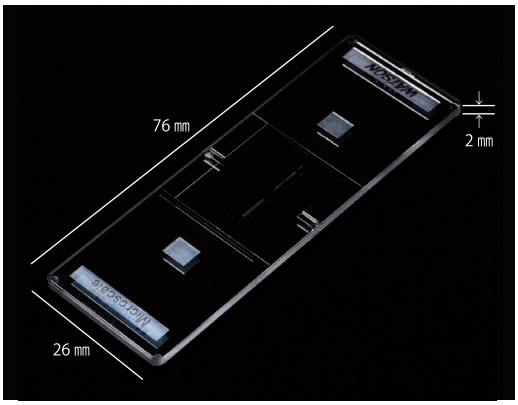
4. Calculate using a specified formula.

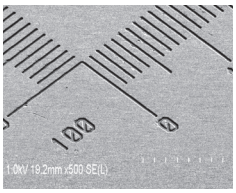
Cat. No.	Item	Unit	Case
177-112C	Disposable Cell Counting Plate, Improved Neubauer Type	10 plates	30 units
177-212C	Disposable Cell Counting Plate, Burker-Turk Type	10 plates	30 units
177-312C	Disposable Cell Counting Plate, Thoma Type	10 plates	30 units
177-512C	Disposable Cell Counting Plate, Fuchs Rosenthal Type	10 plates	30 units

Microscale Slide

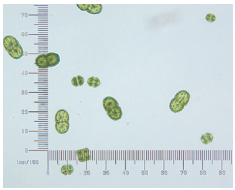
Smoother scale lines on Microscale Slide made of plastic

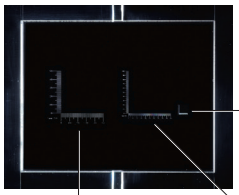
The scale line with the accurate linearity that equals with the one made of glass slide has been achieved.
It is possible to put the sample directly on the Microscale when observing with the microscope because it is more reasonable than the traditional glass slide.

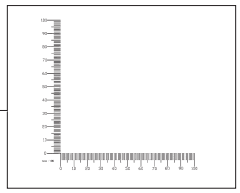




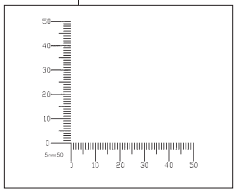
SEM image



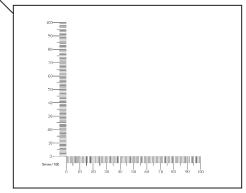




1 mm/ 100



5 mm/ 50



5 mm/ 100

Note : Please replace with a new slide after using several times and if it is hard to see due to dirt and scratch.

Cat. No.	Item	Unit	Case
177-401C	Disposable Microscale Slide for Microscope	10 plates	40 units