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## **Combined Plate Chamber**

## **Utermöhl Chamber**

CATALOGUE NO: 435 025/ 435 026



Edition 10/20

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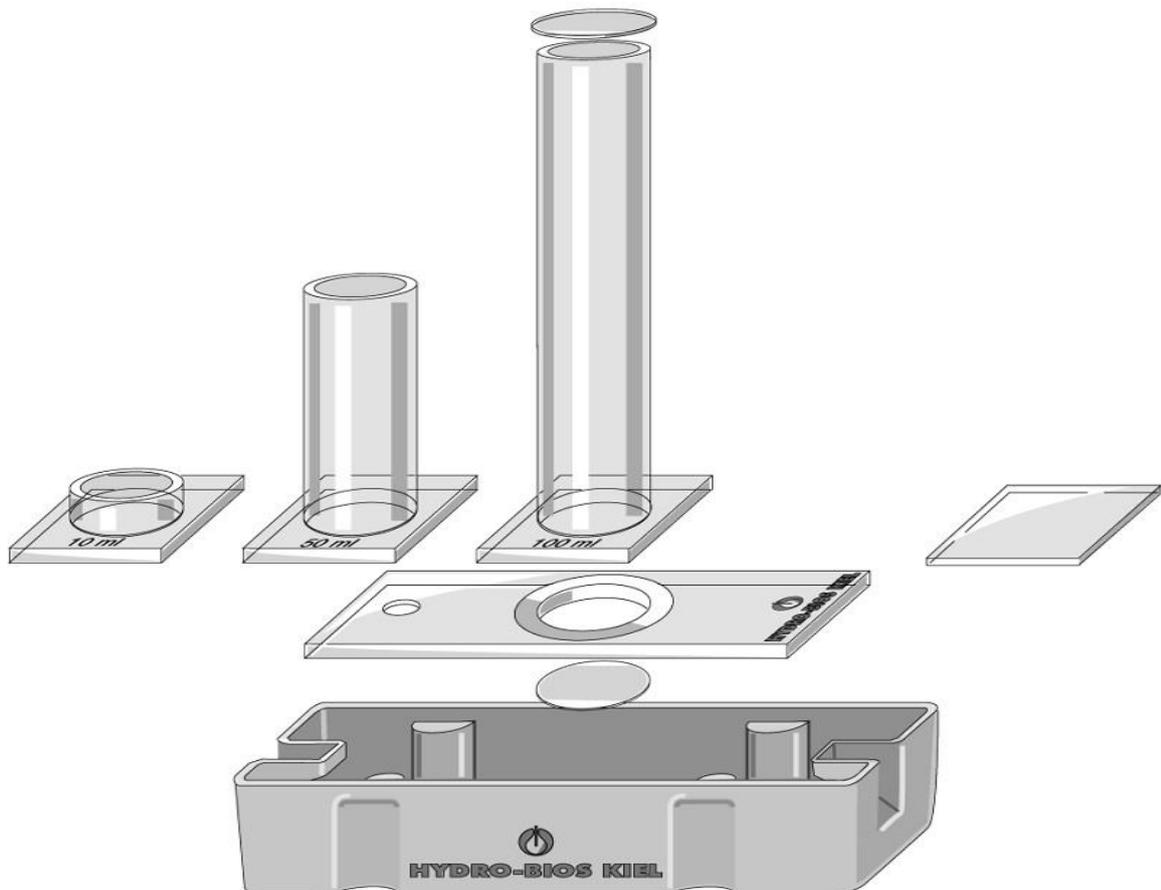
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## STANDARD SCOPE OF DELIVERY

1. Handling Support (435 025-001)
2. Base Unit (435 025-002)
3. Cylinder 10 ml (435 025-003)
4. Cylinder 25 ml (435 025-010) in main product number 435 026
5. Cylinder 50 ml (435 025-004)
6. Cylinder 100 ml (435 025-005) in main product number 435 025
7. 1 square Cover Plate (435 025-007, package of 50 pcs.)
8. 3 pcs. of 2 mm thick, round Cover Plates (435 028, package of 50 pcs.)
9. 50 pcs. of 0,2 mm thick Base Plates (435 035, package of 250 pcs.)
10. 1 metal key

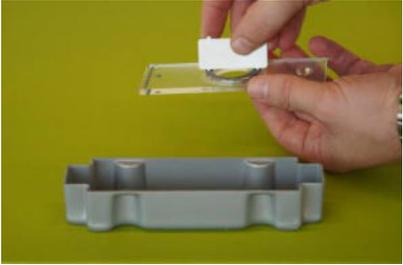
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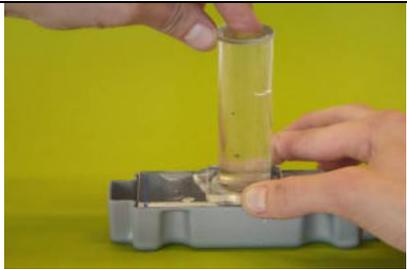
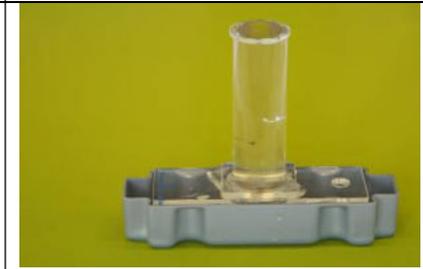
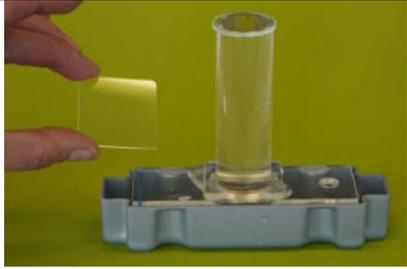
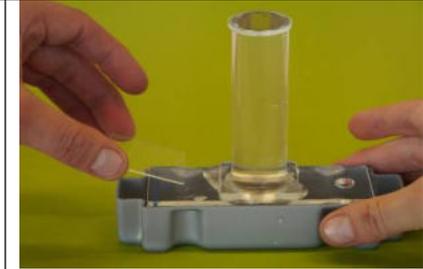
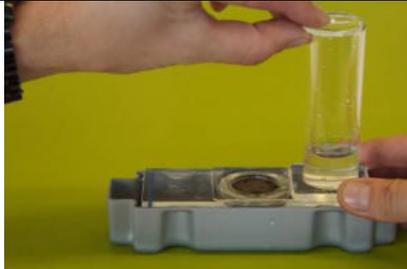
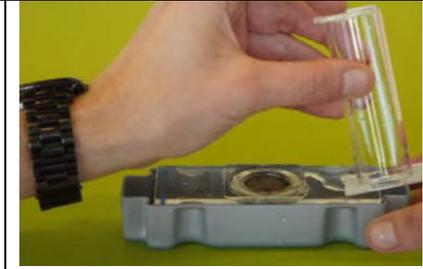
Replacement Ring for Base Unit (435 025-008)



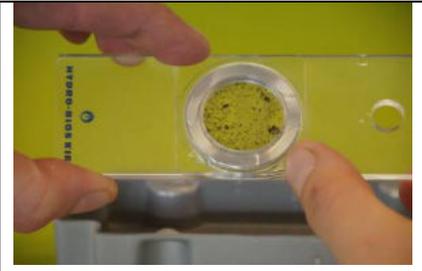
## How to use the Combined Plate Chamber – INSTRUCTION

**Please note:** it turned out that it is best to take out all items that should be used out of the packaging first and set them on the table ready to be used.

<p>1. Use the metal key to unscrew the metal ring from the base unit.</p>		
<p>2. Insert one of the thin base plates into metal ring and fix it to the base unit using the metal key.</p>		
<p>3. Take the grey handling support and put the base unit on top. The base plate has to be at the bottom side.</p>		
<p>4. Take the sedimentation cylinder you want to use. Before setting it onto the base unit use your fingertip with some sample water to wetten the area around the opening. This gives better adhesion. Then set the cylinder onto the round opening.</p>		
		

<p>5. Keep holding the cylinder at the square bottom and then fill it up to the top with your sample water. It really has to be filled completely.</p>		
<p>6. Take a round cover plate, keep holding the cylinder and push the glass over the top of the cylinder from the side.</p>		
<p>7. Now let the sample stand to settle until the sedimentation process is finished. (24-48 hrs)</p>		
<p>8. After that use the square glass plate to push the cylinder aside towards the hole in the base unit. Please do this carefully to make sure that the water will only be released into the handling support.</p>		
<p>9. Then take off the cover plate and release the remaining water.</p>		

10. The sample is now in the base unit, covered by the square glass and the base unit can be taken to the microscope for examination.



**All parts can be reused. Exchange the base plate in the base unit once it has scratches.**

**Please do not use any alcohol or aggressive chemicals for cleaning.**