

Shown with accessories

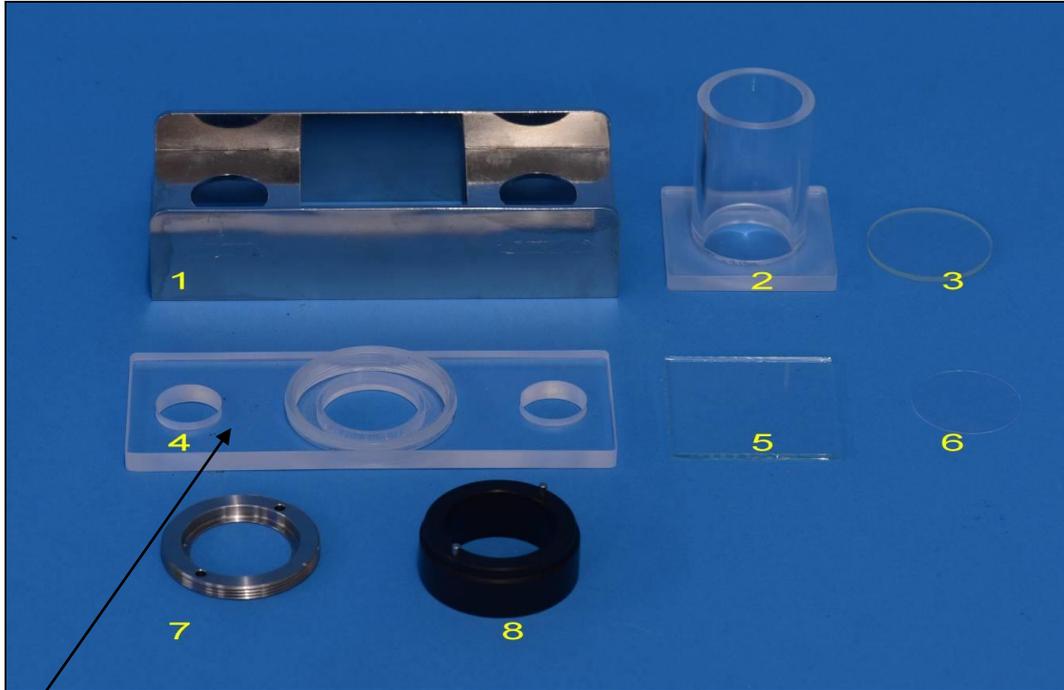
Counting chamber Model 21.000

Manual

KC Denmark A/S

Research Equipment
Limnology • Oceanography • Hydrobiology

How to best use your new Combined Plate Chamber



1. The small ledge in the hole of the base plate (4) has to be greased with a very thin layer of silicone* or vaseline*. The 0,2 mm thin bottom plate (6) is now inserted into the threaded ring (7) – many prefer to hold it upside-down - which in turn is carefully screwed into the base plate by using the ring tool (8). If necessary, use some silicone grease or vaseline also on the inside of the threaded ring.
- ! Please assure that the threaded stainless steel ring (7) is handled and extremely carefully screwed into the thread of the acrylic base plate. If this is not done, it may lead to subsequent improper positioning of the threaded ring surface on the base plate (4) ledge, leading to leakage and breaking of the bottom plate (6).
2. The base plate (4) is then used in the handling support (1) as required.
3. The bottom of the settling chamber (2) is also lightly greased with a very thin layer of silicone* or Vaseline*. Then, the settling chamber is placed right over the center hole in the base plate (4).
4. The sample is fed into the settling chamber and a round cover glass (3) is placed on top of the settling chamber right over the sample. There should be NO air bubbles under the cover glass.
5. When the sedimentation of the sample is finished, push the settling chamber towards one side of the base plate (4) and the content can be emptied into a sink or similar.
6. A square cover glass (5) is now pushed over the hole in the base plate (4) and the sample is ready for microscopic examination.

* use whatever your sample or procedure allows.

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E-mail: kc@kc-denmark.dk website: <http://www.kc-denmark.dk/>
Holmbladsvej 17-19, DK-8600 Silkeborg – Denmark - Tel. +45 86 82 83 47 – Fax +45 86 82 49 50
Bank: Sydbank – S.W.I.F.T. SYBKDK22 IBAN DK5070460000104832
VAT no. DK 29 61 96 62