

1810 Ward Counting Wheel

Warranty and Parts:

We replace all missing or defective parts free of charge. For additional parts, use part numbers above. We accept Mastercard, Visa, American Express, checks, institutional P.O.'s. All products guaranteed free from defect for 90 days. This guarantee does not include accident, misuse, or normal wear and tear.

Description:

The Wildco® Ward Zooplankton Counting Wheel is designed to be placed under a binocular dissection microscope in such a way that the groove will be directly under the objective lens. The top part of the counting wheel slides on a track so that it can be adjusted properly under the microscope object lens. The wheel can then be rotated and the zooplankton in the groove can be counted. A small plastic partition is placed across the groove at one point, so that the person counting the zooplankton will know when he has passed the origin point.

The Wildco® Counting Wheel is constructed of clear acrylic or polyester plastic and will give long service if properly maintained. It is easily taken apart for cleaning.

Additional Materials

Needed:

- Binocular dissection microscope
- Hensen-Stempel Pipettes recommended

Warning:

Do not use chemicals such as acetone, ketone and alcohol for cleaning the Ward Counting Wheel. The use of these may cause cracking and/or crazing. To remove surface scratches, buff gently with mild abrasive and a soft flannel buffer, then wash as directed.

Acrylic makes the clearest wheel for stereoscopic use for water solutions, but acrylic crazes (receives hairline surface cracks) with any alcohol.

With an alcohol preservative, use the PVC wheel. PVC is blue-tinted and alcohol resistant.

The acrylic and PVC counting wheels are interchangeable on the base.

How To Use:

1. Place under low power stereoscope in such a way that the groove is directly under the object lens
2. If necessary, adjust the wheel under the microscope lens by means of the sliding track.
3. Place 5 to 10 mL sample in the trough or groove, using a Hensen-Stempel Pipette
4. Rotate wheel until the origin point has past, as indicated by a small plastic partition placed across the groove.
5. Wash thoroughly after each use with mild soap and soft water. Rinse completely with distilled water before drying.

P/N 032609

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- 1810-E80** Ward Counting Wheel, Acrylic
1810-E90 Ward Counting Wheel, PVC
1805-C40 Hensen-Stempel Pipette, 5-10 mL
1810-B10 Bogorov Counting Chamber