

Rotating Glide Stage for Inverted Microscopy



Rotating Glide Stage

Cat No.	Description
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91122-R	Rotating glide stage for TE300, TE 2000, and Ti (w/o Perfect Focus). Included are two clips and two inserts with openings of 20 & 40mm.
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The stage has a rigid rectangular frame that bolts to the microscope body in the conventional manner. A large, knurled circular plate provides the rotation, which can be centered so that the specimen will rotate on the optical axis. Above this plate is a slightly smaller round plate which will glide on an X/Y plane when fingertip pressure is applied.

Applications:

- 1. Differential Interference Contrast** – The shadow effect is directional, so rotating the specimen may enhance the contrast of certain structures.
- 2. Polarized Light** – Birefringent materials will change in intensity and sometimes color when the stage is rotated. (Note: The stage is not graduated in degrees for quantitative work, nor is the rotation as smooth as a ball-bearing movement.)
- 3. Imaging** – The easiest way to frame an image on an inverted microscope is by rotating the stage.
- 4. Microinjection** – By rotating the stage the specimen can be aligned to the micropipette, greatly facilitating injection of specimens, e.g. *C. elegans*.

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Prices and specifications are subject to change without notice.