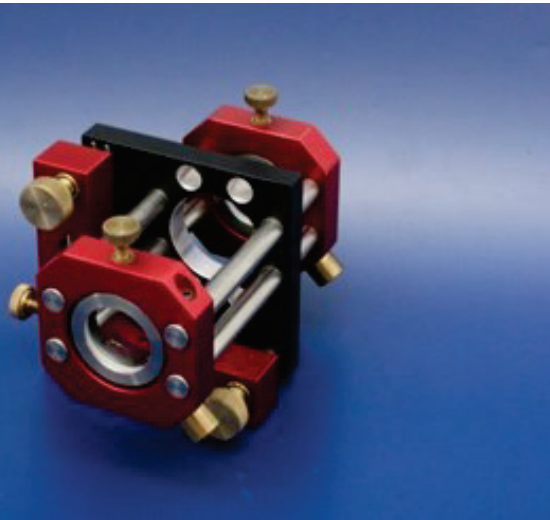


MXI cage systems



MXI cage system

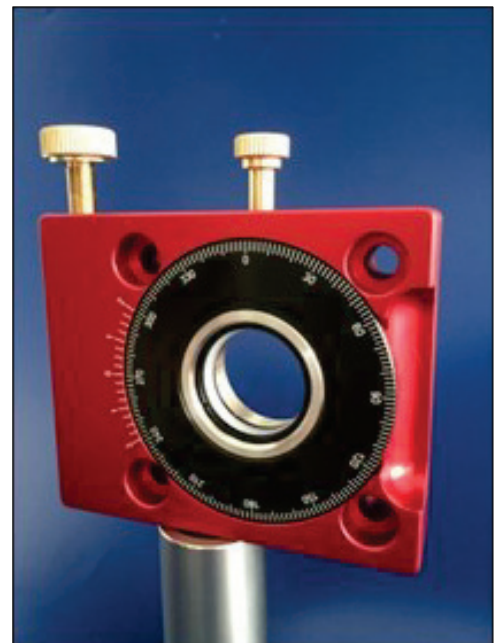
for Radiant Dyes

compatible for Thorlabs and Qioptic

Rotation Mount RD-RMP-1“

RD-RMP-1“

- Precise rotation mount with 360° laser engraved scale
- Finest adjustment 20°
- Resolution < 0,003°
- Also available with PiezoMike



Rotation Mount RD-RM-1"-M

RD-RM-1"M

- Precise motorized rotation mount
90°/180° optional, for 1" optics with
SM1-thread
- Resolution 90° or 180° $\pm 1\%$
- Electronic & software



Specifications for RD-RM-1"-M

Rotational mirror mount parameters

Servo motor pulse length for 0°	980 μs
Servo motor pulse length for 180°	500 μs
Interpolation in range 0° ... 180°	linear $\pm 1\%$
Recommended minimum speed (interpolation time)	200 time steps
Measured absolute precision in range 0° ... 180°	$\pm 1\%$ (unidirectional)
Measured unidirectional repeatability in range 0° ... 180°	1°
Positioning resolution in range 0° ... 180°	0.38° / μ s
Start-up position at power on	vertical
Hysteresis	1.5°

Rotation Mounts

Small Rotation Mounts

- With plastic screw
- Small dimensions
- Integrated notch for safe fixing
- Optics are fixed by a retaining ring

RD-RM-S-0,5" 0,5 inch without scale



Rotation Mounts

- With plastic screw
- Integrated notch for safe fixing
- Optics are fixed by a retaining ring

RD-RM-0,5" 0,5 inch without scale

RD-RM-1" 1 inch without scale



Rotation Mounts with Scale

- With plastic screw
- Integrated notch for safe fixing
- Optics are fixed by a retaining ring
- With 360° laser-engraved scale

RD-RM-SK-0,5" 0,5 inch with scale

RD-RM-SK-1" 1 inch with scale

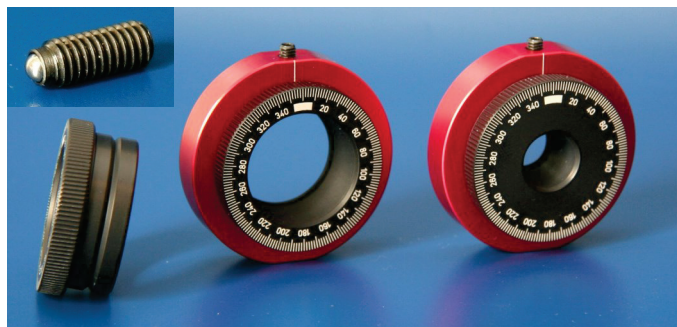


High precise Rotation Mounts

- With grub screw including a spring mounted ball for precise adjusting
- Integrated notch for save fixing
- With 360° laser-engraved scale
- Optics are fixed by a retaining ring

RD-RMM-SK- 0,5" 0,5 inch with scale

RD-RMM-SK- 1" 1 inch with scale



Rotation Mounts

RD-RM-PTT & RD-RM-PTT-SK

- Rotation Mounts for Prism Turn Tables
- Available with and without scale
- One clamping arm included

For the small Prism Turn Table (RD-PDT-S):

RD-RM-PTTS without scale
RD-RM-PTTS-SK with scale

For the big Prism Turn Table (RD-PDT-B):

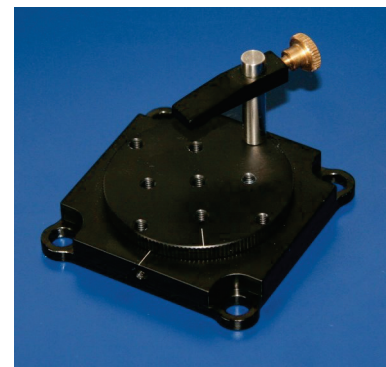
RD-RM-PTTB without scale
RD-RM-PTTB-SK with scale



Rotation Mounts for Optical Tables

- Rotation Mounts for optical tables
- Compatible to optical tables
- with 25 mm x 25 mm raster
- Hole spacing 50 mm x 50 mm
- Available with and without scale
- One clamping arm included

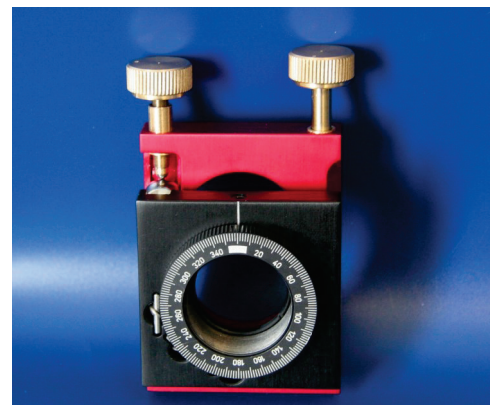
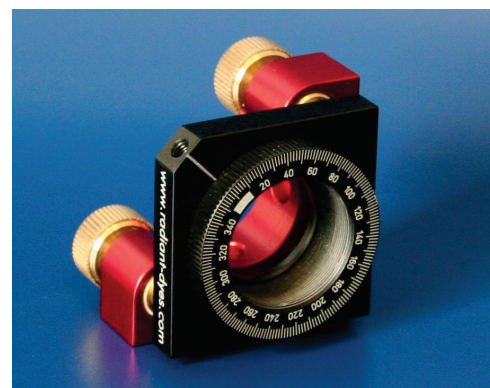
RD-RM-OT without scale
RD-RM-OT-SK with scale



Rotation Mounts for Mirror Mounts

- Mirror Mounts equipped with a Rotation Mount
- With and without scale
- With grub screw including a spring mounted ball for precise adjusting
- Available for:

MDI
MDI-HS
RD2
RD2-HS
RD-VO



Rotation Mounts

Double Rotation Mounts

- Double rotation mount
- With grub screw including a spring mounted ball for precise adjusting
- With scale
- Optics are fixed by a retaining ring

RD-RMM-SK-DRM-1''



Double Rotation Mount for beam splitter cube

RD-RM-1''-D-2

- Precise rotation mount with 360° laser engraved scale
- Double rotation mount for beam splitter cube



Quad rotation mount for beam splitter cube

RD-RM-1''-Q-4

- Precise Rotation Mount with 360° laser engraved scale
- Quad Rotation Mount for beam splitter cube

