ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

**Artisan Technology Group**
(217) 352-9330 | sales@artisantg.com | artisantg.com

**Full-service, independent repair center**
with experienced engineers and technicians on staff.

**We buy your excess, underutilized, and idle equipment**
along with credit for buybacks and trade-ins.

**Custom engineering**
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

**Expert team | Trust guarantee | 100% satisfaction**

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Newport RS40* at our website: ***Click HERE***




# Platform Rotation Stage, 40 mm Diameter, 10° Fine, BM11.5 Included, M3 and M6

**MODEL: M-RS40**

## Overview

The M-RS-40 Metric Rotation Stage provides precision rotation of components for laboratory, production, or industrial OEM applications. This aluminum stage rotates 360° in a precision bored bushing. By tightening a thumb screw on the side of the stage, the platform is tangentially driven by the precision actuator. The M-RS40 includes a BM11.5 micrometer. A graduated scale marked in 2° increments indicate angular position and a vernier scale allows position readout to 12 arc min. Rotation can be locked to prevent accidental adjustment and reduce drift by tightening a second thumb screw on the side of the stage. The mounting hole pattern for the M-RS40 is compatible with other 40 mm size components. A tapped hole is provided on the side for mounting this rotation stages vertically on a post

## Technical Specs

| | | | |
|---|---|---|---|
| **Coarse Travel** | 360° | **Thread Type** | M3 and M6 |
| **Fine Travel** | 10° | **Graduations** | 2° |
| **Diameter** | 40 mm | **Vernier** | 0.2° |
| **Load Capacity** | 50 N | **Included Actuators** | BM11.5 |
| **Sensitivity** | 16 arc sec | | |

## Related Products

### Customers Who Bought This Item Also Bought

| Compare | | Description |
|---|---|---|
| ☐ |  | M-SDS40<br>Low-Profile Linear Stage, 16 mm Travel, Ball Bearings, M3 and M6 Threads |
| ☐ |  | GON40-L<br>Lower Goniometric Stage, ±5°, 1.57 x 1.57 x 0.79 in., 6-32 & 1/4-20 |

### Similar

| Compare | | Description |
|---|---|---|
| ☐ |  | AG-PR100V6<br>Vacuum Compatible Piezo Rotation Stage, 1.0 in., Agilis |
| ☐ |  | M-RS65<br>Aperture Platform Rotation Stage, 65 mm, 10° Fine, M3 and M6 |
| ☐ |  | M-UTR80SA<br>Low-Profile Rotation Stage, 50 mm Aperture, 79 mm Diameter, 4° Fine, M4 |
| ☐ |  | URS75BPPV6<br>Vacuum Rotation Stage, Stepper Motor, URS75 |
| ☐ |  | M-UTR120A<br>Steel Rotation Stage, 62 mm Aperture, 119.5 mm Diameter, 4° Fine, M6 |

### Compatible

| Compare | | Description |
|---|---|---|
| ☐ |  | DM11-5<br>Differential Micrometer, 5.1 mm Coarse, 0.1 mm Fine, 6.6 lb. Load |
| ☐ |  | BM11.5<br>Standard Resolution Micrometer, 5 mm Travel, 9 lb. Load Capacity |

### Accessories

| Compare | | Description |
|---|---|---|
| ☐ |  | M-BDHK-1<br>Ball driver Tool Set with Holder, Incudes 1.5, 2, 2.5, 3, 4, & (2) 5 mm |
| ☐ |  | M-FK-BLX<br>L-Allen Wrench Set, Sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm, Metric |
| ☐ |  | M-SK-A<br>Stainless Steel Screw Kit, Assortment, Qty 805, Metric |
| ☐ |  | M-BDK-1<br>Ball driver Tool Set, Includes: 1.5, 2, 2.5, 3, 4 & 5 mm Wrenches |
| ☐ |  | M-SK-M6A<br>Black Oxide Screw Kit, M6, Assortment, Qty 261 |

©2019 Newport Corporation. All rights reserved.

**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP