

# 80mm, Metric Rotary Stage



Stock #62-294 **14 In Stock**

1 C\$749<sup>.00</sup>

**ADD TO CART**

60mm Dia. Precision Rotary Stage, #55029



Volume Pricing	
Qty 1-4	C\$749.00 each
Qty 5+	C\$661.78 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

## General

**Type:** Metric

## Physical & Mechanical Properties

<b>Type of Movement:</b>	Rotary	<b>Guide System:</b>	Slide-Fit
<b>Stage Size (mm):</b>	80 Dia.	<b>Travel (°):</b>	±5 (Fine), 360 (Coarse)
<b>Center Hole:</b>	M16 x 1	<b>Concentricity (µm):</b>	20
<b>Construction:</b>	Aluminium Stage	<b>Increments:</b>	5'
<b>Load Capacity (kg):</b>	6	<b>Travel Per Knob Rotation (arcmin):</b>	39.0
<b>Weight (kg):</b>	0.5		

## Hardware & Interface Connectivity

**Type of Drive:** Metric Micrometer

## Threading & Mounting

**Mounting Threads:** (1) M16 x 1, (12) M4 x 0.7

## Regulatory Compliance

RoHS 2015: **Exempt**

Certificate of Conformance: [View](#)

Reach 247: **Contains SVHC(s)**

- Precision Micrometer Drive and Manual Drive Options
- 360° Coarse Rotation
- Micrometer Drive Models Provide  $\pm 5^\circ$  Fine Rotation
- Black Anodized Aluminum Construction

Metric Rotary Stages feature slide-fit guide system, enabling 360° course rotation. Micrometer drive models feature a precision metric micrometer and a switchable clamp mechanism to change between course and fine movements for precise  $\pm 5^\circ$  angular adjustment at any position. The manual drive model provides a smooth manual adjustment with 360° coarse movement, 1° increments. Metric Rotary Stages feature a locking mechanism to fix the stage position. For breadboard mounting, use the [Metric Base Plates](#).

## Technical Information

## Accessories

**Note:** Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
<a href="#">MORE+</a>	100 x 40mm Metric Base Plate		<a href="#">#54-976</a>	<b>C\$111.30</b> <a href="#">Request Quote</a>	5 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	120 x 70mm Metric Base Plate		<a href="#">#54-977</a>	<b>C\$126.00</b> <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Adapter Plate for #55-028		<a href="#">#55-037</a>	<b>C\$52.85</b> <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Adapter Plate for #55-029		<a href="#">#55-038</a>	<b>C\$54.25</b> <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	5 In Stock <input type="text" value="1"/>

## Related Products



Metric Z-Axis Stages



Metric Tilt Platform



Metric Goniometers



Metric Base Plates

## Frequently Purchased Together



#39-930 - 70mm Travel, X-Y  
Positioning Table  
C\$1,225.00

Qty



#45-991 - 25mm Dia. 532nm 45°,  
Nd:YAG Laser Line Mirror  
C\$243.60

Qty



#34-552 - English Ball Point Hex  
Driver Set  
C\$156.80

Qty



#38-195 - 2.75" Dia. Heavy Load  
Rotary Stage, English  
C\$1,897.00

Qty



# Resources

## Media Type

- FAQ
- Glossary
- Application Note
- Trending in Optics
- Video

? FAQ

Do you have  
any  
components  
that would...

? FAQ

Do your iris  
diaphragms  
have  
mounts for...

GLOSSARY

Axial Runout

GLOSSARY

Concentricity

GLOSSARY

Inverted Load  
Capacity

GLOSSARY

Tangent Arm  
Drive

[View More](#)