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TECHSPEC®

40mm, 106mm Radius, Metric Goniometer



TECHSPEC® Goniometers



+1

Stock **#66-531** 7 In Stock

-

1

+

A\$1,016^{.00}

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Volume Pricing	
Qty 1-2	A\$1,016.00 each
Qty 3+	A\$890.88 each
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General	
Type:	Metric
Resolution (arcmin):	10
Physical & Mechanical Properties	
Type of Movement:	

Goniometer	
	Stage Size (mm):
40 x40	
	Travel (°):
±7.5	
	Construction:
Brass Stage	
	Leadscrew Pitch (mm):
0.5	
	Load Capacity (kg):
3	
	Radius R (mm):
106	
	Stage Size (inches):
1.57 x1.57	
	Weight (kg):
0.3	

Hardware & Interface Connectivity

	Type of Drive:
Lead Screw	

Threading & Mounting

	Mounting Threads:
(1) M6 x1, (4) M3 x0.5, (8) M2 x0.4	

Regulatory Compliance

	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	REACH 241:
Compliant	

Product Details

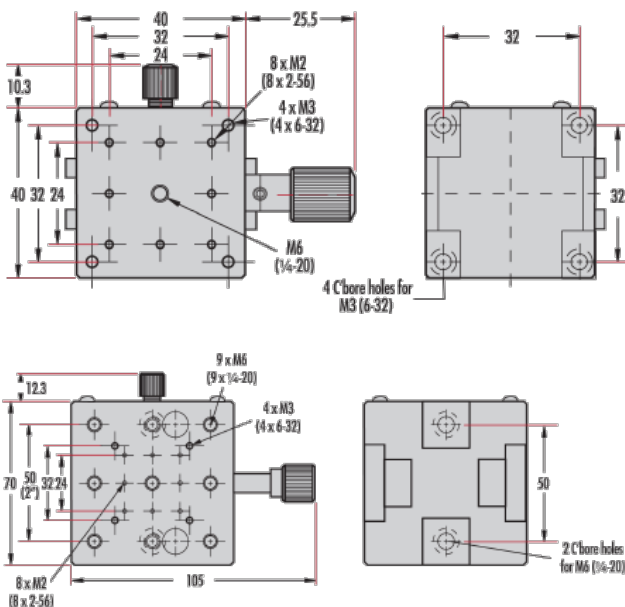
[Bottom adapter plates](#), sold separately, are required to mount 30mm and 40mm stages to standard breadboards.

- Metric and English Hole Patterns Available
- Stackable for Two-Axis Rotation
- Mechanically Compatible with our [TECHSPEC® Stages](#)

TECHSPEC® Goniometers allow for precise angular adjustment of an object about a fixed point located above the center of the mounting surface. They provide true tip and tilt adjustment of any optical component and are often used to accurately direct lasers and align mirrors in beam steering applications. These goniometers are available in with Metric and English hole patterns. TECHSPEC® Goniometers are available in different plate sizes to accommodate a host of applications. Each size is offered in several radii of movement for easily stacking into two axis configurations. To provide motion about a common point in two different axes, mount goniometer stages with smaller radii on top of those with larger radii of the same stage size.

Each goniometer stage features precision movement along a dovetail design with a vernier scale for high-resolution measurements and movement repeatability. A locking thumbscrew allows each to be held securely in place. 30mm and 40mm goniometer stages are constructed of durable black painted brass, while 70mm goniometer stages are constructed of black anodized aluminum. [Bottom adapter plates](#), sold separately, are required to mount 30mm and 40mm stages to standard breadboards; 70mm stages will mount directly.

Technical Information



		Top Stage															
Bottom Stage		30mm Linear Dovetail	30mm Linear	30mm Vertical	30mm Tip/Tilt	30mm Goniometer	30mm Rotary	40mm Linear Dovetail	40mm Linear	40mm Vertical	40mm Tip/Tilt	40mm Goniometer	40mm Rotary	65mm Linear Dovetail	70mm Linear	70mm Vertical	70mm Tip/Tilt
	30mm Linear Dovetail																
	30mm Linear																
	30mm Vertical																
	30mm Tip/Tilt																
	30mm Goniometer																
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	40mm Goniometer																
	40mm Rotary																
	65mm Linear Dovetail																
	70mm Linear																
	70mm Vertical																
	70mm Tip/Tilt																
	70mm Goniometer																
	70mm Rotary																
	125mm Linear																
	125mm Vertical																
	125mm Tip/Tilt																
	125mm Rotary																

