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TECHSPEC® 40mm, 82mm Radius, Metric Goniometer



TECHSPEC® Goniometers



Stock #66-530 **4 In Stock**

⊖ 1 ⊕ €595⁰⁰

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Volume Pricing	
Qty 1-2	€595,00 each
Qty 3+	€519,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:
Metric

Resolution (arcmin):
5

Physical & Mechanical Properties

Goniometer	Type of Movement:
40 x 40	Stage Size (mm):
±10	Travel (°):
Brass Stage	Construction:
0.5	Leadscrew Pitch (mm):
3	Load Capacity (kg):
82	Radius R (mm):
1.57 x 1.57	Stage Size (inches):
0.3	Weight (kg):

Hardware & Interface Connectivity

Lead Screw	Type of Drive:
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Threading & Mounting

(1) M6 x 1, (4) M3 x 0.5, (8) M2 x 0.4	Mounting Threads:
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Regulatory Compliance

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

Product Details

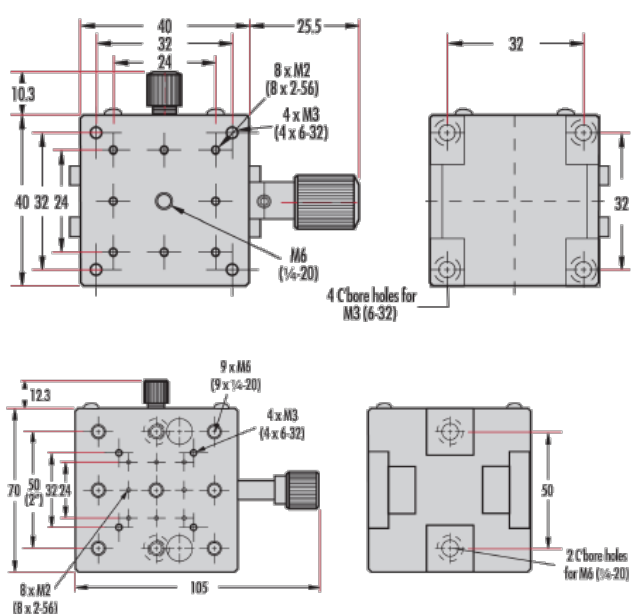
[Bottom adapter plates](#), sold separately, are required to mount 30mm and 40mm stages to standard breadboards.

- 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																						
		30mm Linear Downtail	30mm Linear	30mm Vertical	30mm Tip/Tilt	30mm Goniometer	30mm Rotary	40mm Linear Downtail	40mm Linear	40mm Vertical	40mm Tip/Tilt	40mm Goniometer	40mm Rotary	65mm Linear Downtail	70mm Linear	70mm Vertical	70mm Tip/Tilt	70mm Goniometer	70mm Rotary	125mm Linear	125mm Vertical	125mm Tip/Tilt	125mm Rotary	
Bottom Stage	30mm Linear Downtail																							
	30mm Linear																							
	30mm Vertical																							
	30mm Tip/Tilt																							
	30mm Goniometer																							
	30mm Rotary																							
	40mm Linear Downtail																							
	40mm Linear																							
	40mm Vertical																							
	40mm Tip/Tilt																							
	40mm Goniometer																							
	40mm Rotary																							
	65mm Linear Downtail																							
	70mm Linear																							
70mm Vertical																								
70mm Tip/Tilt																								
70mm Goniometer																								
70mm Rotary																								
125mm Linear																								
125mm Vertical																								
125mm Tip/Tilt																								
125mm Rotary																								

