

TECHSPEC[®] 70mm, 180mm Radius, Metric Goniometer



TECHSPEC[®] Goniometers



+1

Stock **#66-537** [CONTACT US](#)

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+

€762²⁰

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Volume Pricing	
Qty 1-2	€762,20 each
Qty 3+	€667,44 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:

Metric	
5	Resolution (arcmin):
Physical & Mechanical Properties	
Goniometer	Type of Movement:
70 x70	Stage Size (mm):
±8	Travel (°):
Aluminium Stage	Construction:
0.5	Leadscrew Pitch (mm):
6	Load Capacity (kg):
180	Radius R (mm):
2.75 x2.75	Stage Size (inches):
0.3	Weight (kg):
Hardware & Interface Connectivity	
Lead Screw	Type of Drive:
Threading & Mounting	
(9) M6 x 1, (4) M3 x0.5, (8) M2 x0.4	Mounting Threads:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

PRODUCT DETAILS

70mm and 125mm stages mount directly and do not require bottom adapter plates.

- 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



