

220mm x 160mm x 12mm Metric Lab Jack



Stock **#62-009** 5 In Stock

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€1.112⁴⁰

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SPECIFICATIONS

General

Type:

Metric

Physical & Mechanical Properties

Type of Movement:

Linear (Z)

Pantograph	Guide System:
220 x 160	Stage Size (mm):
Aluminum, Brass, & Stainless	Construction:
70	Height Adjustment (mm):
1	Leadscrew Pitch (mm):
30	Load Capacity (kg):
170	Maximum Height (mm):
100	Minimum Height (mm):
6.3	Weight (kg):
0.1 (typical)	Parallelism (mm):

Hardware & Interface Connectivity

Lead Screw	Type of Drive:
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Threading & Mounting

Top: (35) M4 x 0.7 Bottom: (4) M6 x 1 on 200 x 140mm, (4) 4.5mm thru on 100mm Sq., (4) 4.5mm thru on 50mm Sq.	Mounting Threads:
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Regulatory Compliance

Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	Reach 247:

PRODUCT DETAILS

• Rugged, Black Anodized Aluminum Construction
• Fine Lead Screw for Precision Movement
• Large Adjustment Knob for Maximum Control
• Locking Knob to Secure Vertical Positioning

Metric Labs Jacks feature a rugged construction and a fine screw movement that allows for precision adjustment of vertical positioning of most optical components or equipment, with a maximum weight capacity of up to 55 lbs. Top surfaces are precision finished mounting platforms with 1/4-20 and M4 tapped holes (see diagram). The bottom platforms have several additional M6 metric and 1/4-20 English sized clearance holes, which are spaced to adapt to common mounting surfaces. Metric Lab Jacks utilize a locking knob to fix vertical position at desired height. Each full revolution of the adjustment knob moves the platform vertically by 1mm.

These metric lab jacks offer stable, height-adjustable platforms ideal for laboratory and optical systems requiring manual vertical positioning. Designed for durability and repeatability, each lab jack integrates smoothly with breadboards, post assemblies, and manual translation stages. Their compact footprint and metric compatibility make them well-suited for modular lab setups where vertical lift precision and load stability are essential.

160 x 100mm Lab Jack ([#54-687](#)) and 132 x 80mm Lab Jack ([#56-336](#)) are compatible with the following stages: [#55-032](#), [#55-459](#), [#55-527](#), [#55-840](#), and [#55-841](#).

Note: Mount Lab Jacks on Metric or English Breadboards using [#12-796](#) to mount [#56-336](#) and [#54-687](#), and use [#12-797](#) to mount [#62-009](#).

TECHNICAL INFORMATION

Technical drawings of the 1000 Series Locking Cabinet showing three views: front, side, and top.

Front View: Shows the cabinet with a locking knob. Dimensions include a height of 160mm, a width of 275mm, and a depth of 112mm. The locking knob is labeled "Locking Knob".

Side View: Shows the internal mechanism. Dimensions include a height of 150mm, a width of 112mm, and a depth of 70.5mm. The locking knob is labeled "Locking Knob".

Top View: Shows the base of the cabinet. Dimensions include a width of 200mm, a depth of 180mm, and a height of 120mm. The locking knob is labeled "Locking Knob".