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Find the *Newport 271* at our website: ***Click HERE***



# High Load Lab Jack, 4.375 x 6.5 inch, 200 lb. Load Capacity

MODEL: 271

**$714.00** **In Stock**

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## Description

The model 271 Lab Jack is uniquely designed to provide smooth, stable height adjustment and high load capacity. Conventional scissors and dual-pantograph jacks lift by decreasing the distance between crossed members and are inherently less stable at higher elevations. In contrast, Newport's innovative design employs three orthogonal hinges that straighten to form a box, becoming more stable with increasing height. The side mounted height adjustment controls a stout drive screw connecting the pivot pins of the broad side hinges. The end hinge prevents tilting or swaying and ensures only vertical motion. The 271 Lab Jack is both English and Metric compatible. The top plate has an array of 1/4-20 tapped holes on 1 in. centers while the bottom plate has an array of M6 holes on 25-mm centers. Both the top and bottom plates have four clearance slots used for mounting the Lab Jack to the optical table.



(/f/high-load-lab-jacks)

### Product Series Overview

High Load Lab Jacks (/f/high-load-lab-jacks)

## Technical Specs

| | | | |
|---|---|---|---|
| **Travel Range** | 44.5 mm | **Material** | Aluminum |
| **Load Capacity** | 900 N | **Bearings** | Bushing |
| **Thread Type** | 1/4-20 and M6 | **Axes of Travel** | Z |
| **Minimum Height** | 63.5 mm | **Drive Location** | Center drive |
| **Maximum Height** | 108.0 mm | **Parallelism** | 5 mrad over travel range |
| **Platform Size** | 111.1 x 165 mm | | |

## Resources & Downloads

**2D / 3D CAD Software**

Download CAD Files

**Drawings And Cad**

271-DWG2-S (/medias/sys_master/images/images/he6/hab/8933893537822/271-DWG2-S.pdf) (89 kB, PDF)

## Related Products

### Similar Products

| | Compare | Description | Avail. | Price |
|---|---|---|---|---|
| (/p/MVN80) | **MVN80 (/p/MVN80)** Precision Ball Bearing Vertical Linear Stage, 0.5 inch Travel | **In Stock** | **$918.00** | |
| (/p/281) | **281 (/p/281)** High Load Lab Jack, 6.5 x 9.5 inch, 300 lb. Load Capacity | **In Stock** | **$1,020.00** | |

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| | Compare | Description | Avail. | Price |
|---|---|---|---|---|
| (/p/M-EN86) | **M-EN86 (/p/M-EN86)** Lab Jack, 86 x 86 mm, 105 mm Range, 65 mm Minimum Height, 60 N Load | **5 Weeks** | **$914.00** | |
| (/p/M-EL80) | **M-EL80 (/p/M-EL80)** Lab Jack, 80 x 120 mm, 60 mm Range, 53 mm Minimum Height, 80 N Load | **In Stock** | **$704.00** | |

## Compatible Products

| | Compare | Description | Avail. | Price |
|---|---|---|---|---|
| (/p/360-90) | **360-90 (/p/360-90)** Angle Bracket, 90°, Slotted Faces | **In Stock** | **$72.00** | |
| (/p/SA2-08X08) | **SA2-08X08 (/p/SA2-08X08)** Solid Aluminum Optical Breadboard, 8 x 8 in., 1 in. 1/4-20 Grid | **2 Weeks** | **$72.00** | |
| (/p/290-BP) | **290-BP (/p/290-BP)** Base Plate, 10 in. x 6 in., 10 holes 1/4-20 CLR. | **In Stock** | **$102.00** | |
| (/p/290-6) | **290-6 (/p/290-6)** Complete Platform, Assembly Height 6 in. | **In Stock** | **$333.00** | |
| (/p/290-8) | **290-8 (/p/290-8)** Complete Platform, Assembly Height 8 in. | **In Stock** | **$374.00** | |

## Accessory Products

| | Compare | Description | Avail. | Price |
|---|---|---|---|---|
| (/p/BDK-1) | **BDK-1 (/p/BDK-1)** Ball driver Allen Wrench Set, Includes 9 Ball drivers | **In Stock** | **$26.00** | |
| (/p/TA-M6Q20-10) | **TA-M6Q20-10 (/p/TA-M6Q20-10)** Thread Adaptor, M6 Male to 1/4-20 Male, pack of 10 | **In Stock** | **$31.00** | |
| (/p/BB-M) | **BB-M (/p/BB-M)** Optical Beam Block/Tool Holder, Magnetic-Base, Medium | **In Stock** | **$25.00** | |
| (/p/AW-1) | **AW-1 (/p/AW-1)** Adaptor Washers, 1/4-20 (M6) to 8-32 (M4), Qty 10 | **In Stock** | **$15.00** | |
| (/p/SK-A) | **SK-A (/p/SK-A)** Stainless Steel Screw Kit, Assortment, Qty 805 | **In Stock** | **$92.00** | |

**Support:** (877)835-9620 (tel:(877)835-9620) **Hours:** Monday - Friday, 5am - 5pm PST **Contact Us (/contact-us)**


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