

**MP250-MLSH - November 4, 2022**

Item # MP250-MLSH was discontinued on November 4th, 2022. For informational purposes, this is a copy of the website content at that time and is valid only for the stated product.

**RIGID PLATFORMS**

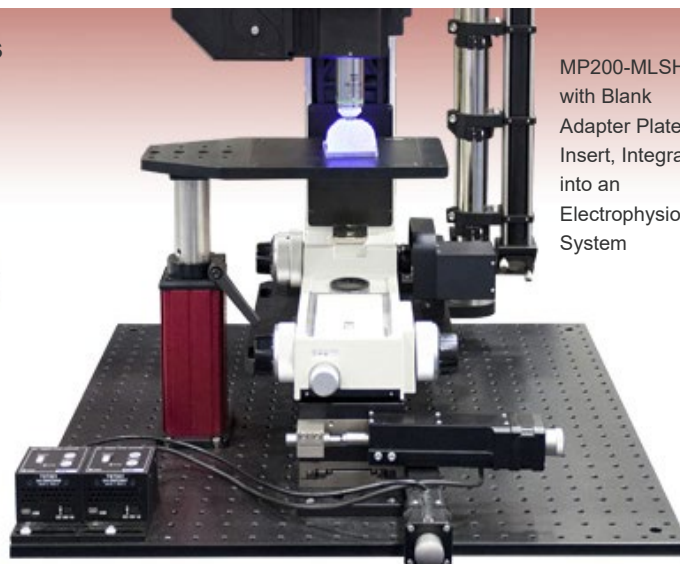
- ▶ Ideal for Creating Large, Stable Mounting Platforms
- ▶ Ø1.5" Stainless Steel Posts in Rigid Post Holder
- ▶ Options for M6-Tapped Platform or Insert Holder



**MP200**  
Rigid Stand with  
M6-Tapped Platform



**MP100-MLSH**  
Insert Holder Shown with  
Breadboard Insert

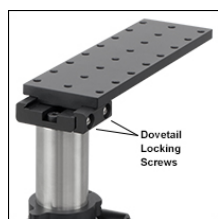


MP200-MLSH,  
with Blank  
Adapter Plate  
Insert, Integrated  
into an  
Electrophysiology  
System

**OVERVIEW**

**Features**

- Adjustable Vertical Axis, Four Offered Heights
- Dovetail Design Firmly Mounts Platforms to Rigid Stands
- Ø1.5" Posts and Rigid Post Holders Provide Secure and Stable Mounting Platforms
- Quick-Lock Mechanism Allows for Easy Positioning
- Baseplate Features Four Slots for 1/4"-20 (M6) Cap Screws for Secure Table Mounting



Click for Details  
Dovetail Clamp

Thorlabs' Rigid Platforms provide a secure and stable and stable platform for mounting hardware and devices. Options include an M6-tapped platform or an insert holder which can be fit with a blank or 1/4"-20 (M6) tapped platform. In each case, the platform or holder is held on a Ø1.5" solid stainless steel post by a secure dovetail clamp (see image to the left). Two 3/32" hex cap screws on the dovetail clamp lock or release the horizontal movement of the platform or holder. When the height collar is secured, the platform or holder can be rotated while keeping the vertical height constant. In addition to the stands, we also offer rigid stand post holders separately.

Item # Prefix	Platform/Holder Height <sup>a</sup>	
	Min	Max
MP100	5.83" (148.1 mm)	8.21" (208.5 mm)
MP150	7.80" (198.1 mm)	12.18" (309.3 mm)
MP200	9.77" (248.1 mm)	16.14" (410.1 mm)
MP250	11.74" (298.1 mm)	20.11" (510.9 mm)

a. Measured from Table Top to Platform Surface

This animation shows how the rigid stand platform can be adjusted.

These platforms provide stable options and modularity for mounting a variety of hardware or devices into any system. Each stand is available in four different heights (see chart above) and comes with either a simple platform or a holder. They make mounting hardware into an existing system quick and easy, allowing the user to customize the experimental setup. Additionally, our accessories for the insert holder have options for mounting tapped plates (imperial or metric) or blank plates (sold below). Thorlabs also offers an extended line of rigid stands for specialized areas of research such as electrophysiology.

## Rigid Stands with M6-Tapped Platforms

Each Thorlabs Rigid Stand includes a 200 mm × 60 mm platform with 24 M6-tapped holes. The platform, held on a Ø1.5" solid stainless steel post, can be rotated when the height collar is secured. In addition to rotation, the platform can be adjusted vertically over the range listed in the table in the *Overview* tab above, and the sliding dovetail design enables horizontal adjustment of the platform. The rotation and vertical adjustments are controlled by a quick-release lock; the height collar, when secured, will allow the platform to be rotated while maintaining the desired height. The video in the *Overview* tab above illustrates all these adjustments. The base has 1/4" (M6) counterbored slots that allow the base to be attached to a breadboard using 1/4"-20 (M6) cap screws.

Part Number	Description	Price	Availability
MP200	Rigid Stand with Platform, Adjustment Height: 248.1 - 410.1 mm	\$711.33	7-10 Days
MP100	Rigid Stand with Platform, Adjustment Height: 148.1 - 208.5 mm	\$679.37	7-10 Days
MP150	Rigid Stand with Platform, Adjustment Height: 198.1 - 309.3 mm	\$685.07	7-10 Days
MP250	Rigid Stand with Platform, Adjustment Height: 298.1 - 510.9 mm	\$727.31	Today

## Rigid Stands with Insert Holders

Thorlabs' Rigid Stand Insert Holders are designed to accommodate the inserts sold here and feature eight M6-tapped holes and four counterbored holes for M6 (1/4"-20) cap screws. The inserts are held in place by four 5/64" hex cap screws and also fit into the MZS500-E Z-Axis Stage.

The holder, held on a Ø1.5" solid stainless steel post, can be rotated when the height collar is secured. In addition to rotation, it can be adjusted vertically over the range listed in the table in the *Overview* tab above, and the sliding dovetail design enables horizontal adjustment of the platform.

The rotation and vertical adjustments are controlled by a quick-release lock; the height collar, when secured, will allow the platform to be rotated while maintaining the desired height. The video in the *Overview* tab above illustrates all these adjustments. The base has 1/4" (M6) counterbored slots that allow the base to be attached to a breadboard using 1/4"-20 (M6) caphead screws.

### MLS203P4 and MLS203P5 Breadboard



[Click for Details](#)

- 35 Imperial or Metric Taps
- MLS203P4: M6 x 1.0 Taps on 25 mm Centers
- MLS203P5: 1/4"-20 on 1" Centers

### MLS203P3 Blank Adapter Plate



[Click for Details](#)

- Ideal for Custom or Non-Standard Applications
- Easily Drilled and Tapped

Part Number	Description	Price	Availability
MLS203P4	Metric M6 Breadboard Plate	\$237.58	Today
MP100-MLSH	Large Insert Holder, Adjustment Height: 148.1 - 208.5 mm	\$915.39	Lead Time
MP150-MLSH	Large Insert Holder, Adjustment Height: 198.1 - 309.3 mm	\$930.54	Lead Time
MP200-MLSH	Large Insert Holder, Adjustment Height: 248.1 - 410.1 mm	\$946.84	Lead Time
MP250-MLSH	Large Insert Holder, Adjustment Height: 298.1 - 510.9 mm	\$963.15	Lead Time
MLS203P3	Blank Adapter Plate	\$178.19	Today
MLS203P5	Imperial 1/4"-20 Breadboard Plate	\$237.58	Lead Time

