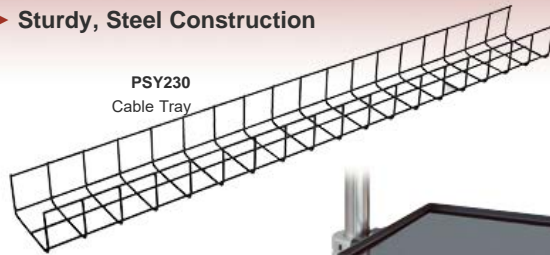


**PSY220 - June 21, 2022**

Item # PSY220 was discontinued on June 21, 2022. For informational purposes, this is a copy of the website content at that time and is valid only for the stated product.

- ▶ Ideal for Organizing the Workspace
- ▶ Multiple Options Provide Customization
- ▶ Sturdy, Steel Construction



[Hide Overview](#)

OVERVIEW

Features

- Multiple Options Provide Storage Above, Below, or at Table Level
- Linbin Options for Organization in the Lab Space
- Cable Tray for Sorting and Organizing Cables



Storage Accessory Quick Links

Overhead Storage Tray with Rack	Components Tray
Tool Caddy	Magnetic Storage Tray
Cable Tray	Storage Rack

Thorlabs offers a large variety of storage solutions for our ScienceDesk™ Workstation. They allow lab supplies, such as general tools, electrical accessories, or fiber accessories to be stored away but close at hand for easy access when needed. Our modular array of storage options can be placed above, below, or at table level depending on preference. Linbins provide organization of small to medium sized tools around the workspace, while a tool caddy can hold larger objects such as a BT17 (BT17/M) Benchtop Organizer. A cable tray is also available for sorting and holding cables in the lab. We also offer CMS021 cable identification ties that are ideal to use with our cable tray below.

Similar to our shelving options and other accessories, all of our storage options can be selectively added when the need arises, allowing for a fully modular and customizable workspace.

**Please Note:** These accessories are compatible with our current ScienceDesks (SD Series) and cannot be used with our former generation (PS Series) products sold before March 2009.

ScienceDesk Workstation Accessories

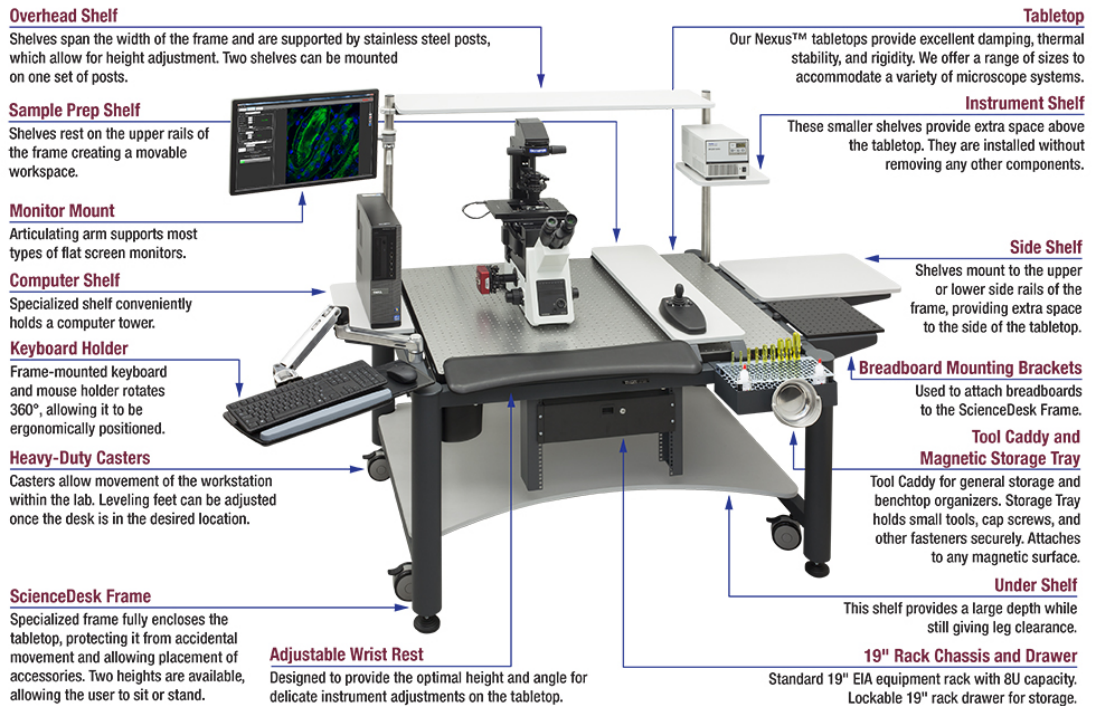
Shelving	Computer Accessories	Lighting	Power Strips	Storage	19" Rack Chassis	Mounting Posts	Frame Adapters	Wrist Rest	Vibration Isolation	Faraday Enclosure

[Hide SD Workstation Idea](#)

SD WORKSTATION IDEA

Sample ScienceDesk Workstation Configuration

Click on the various ScienceDesk accessories or text in the photo below for more information on that item.



### The Following Accessories are Not Shown in the Image Above

- **Overhead Shelves with 12° Tilt:** Overhead shelves with a 12° downward tilt for easy viewing and storage of equipment in the lab.
- **Overhead Storage Tray with Rack:** Steel tray for included tool caddy and a front-located steel rack for included linbins.
- **Post-Mounted Components Tray:** A 300 mm x 300 mm tray for holding small parts.
- **Frame Risers:** Designed to raise the standard ScienceDesk tabletop to a height of 910 mm (35.80"), making it an ideal standing desk.
- **12-Outlet Power Strips:** Available with US-, EU-, or UK-style plugs. Fits to the rear rail of the desk or underneath the overhead shelf.
- **Storage Rack:** Adds plastic storage bins to the side or rear panel of the ScienceDesk. Cannot be used with the Under Table Shelf.
- **LED Strip Light:** Fits underneath the overhead shelf.
- **Cable Tray:** Ideal for keeping electrical and fiber optic cables tidy.
- **Components Tray:** A 300 mm x 300 mm tray for holding small parts.



[Hide ScienceDesk Overhead Storage Tray with Rack](#)

### ScienceDesk Overhead Storage Tray with Rack

- ▶ Compatible with 900 mm or 1200 mm Wide Workstations
- ▶ Strong, Welded-Steel Construction
- ▶ Hinged Clamps for Quick Attachment to Mounting Posts
- ▶ Four Plastic Storage Bins Included
  - ▶ 190 mm Deep x 105 mm Wide x 75 mm High (7.48" Deep x 4.13" Wide x 2.95" High)
  - ▶ Front Lip Height: 34 mm (1.34")
- ▶ Max Load: 50 kg (110 lbs)

Assembly of the Overhead Storage Tray with Rack is fast and can be done by one person. Posts for ScienceDesk frames are available separately.



Click to Enlarge  
Hinged Clamps Allow for Quick Attachment to Mounting Posts



Click to Enlarge  
Overhead Storage Trays are Ideal for Organizing a Broad Range of Lab Equipment (Not Included)

These storage trays consist of a steel tray and a front-located steel rack. The top tray includes a removable tool caddy that can be placed along the top tray for flexible storage and organization of tools, components, and accessories. The front-facing rack contains two rows of slots for flexible positioning of the four included plastic storage bins, as shown in the image to the bottom right. See the animation to the right for assembly steps.

The PSY155/S spans the width of a 900 mm wide ScienceDesk Frame, while the PSY156/S spans the width of a 1200 mm wide ScienceDesk frame. The shelves can be mounted to either the 750 mm tall or 1000 mm tall posts for ScienceDesk frames (sold separately). Two overhead trays can be mounted onto a single set of mounting posts. All storage trays can also be mounted directly to our standard Ø1.5" posts.

Each storage tray comes with two hinged clamps for attachment to mounting posts, as shown in the image to the right. To install the tray, secure the clamps at the desired height on the posts. The tray can then be lowered onto the clamps and attached using the provided M6 cap screws. At this point the tray can be repositioned or leveled as required. For more details on installation, please see the animation to the above right, or the manual, which is available by clicking on the red Docs icon (📄) below.

The bottom of the tray also contains five M6 taps spaced for compatibility with our PSY240 LED light strips or HDPS12 power outlets.

Dimensions		
Item #	Storage Tray <sup>a</sup>	Storage Bins

PSY155/S	80.2 mm x 950 mm x 128.2 mm (3.16" x 37.40" x 29.39") Depth x Width x Height	190 mm x 105 mm x 75 mm (7.48" x 4.13" x 2.95") Depth x Width x Height
PSY156/S	80.2 mm x 1250 mm x 128.2 mm (3.16" x 49.21" x 29.39") Depth x Width x Height	Front Lip Height: 34 mm (1.34")

- Posts for mounting the storage tray must be purchased separately. The included mounting clamps are compatible with our posts for ScienceDesk frames as well as our standard Ø1.5" posts.

Part Number	Description	Price	Availability
PSY155/S	Additional Overhead Storage Tray with Rack for 900 mm Wide ScienceDesks	\$333.86	Today
PSY156/S	Additional Overhead Storage Tray with Rack for 1200 mm Wide ScienceDesks	\$372.68	Today

[Hide Components Tray, Ø1.5" Post Mounted](#)

### Components Tray, Ø1.5" Post Mounted

- ▶ Strong, Steel Tray
- ▶ Tray: 300 mm x 300 mm (11.81" x 11.81")
- ▶ 12.7 mm (0.50") High Lip Along All Four Edges Retains Equipment
- ▶ Maximum Load Capacity: 20 kg (44 lbs)
- ▶ PSY320 Includes a 750 mm (29.5") Tall Post
- ▶ Hinged Clamp Design Allows for Installation Without Removing Existing Shelves
- ▶ Removable Rubber Pad Included



Click to Enlarge  
Hinged Clamps Allow for Quick Attachment to Mounting Posts

The PSY320 and PSY320/S Component Trays can be used to hold a variety of items, such as screws, hex keys, or other tools, near the working surface. A 12.7 mm (0.50") high lip on the four edges prevents parts from falling off of the tray, while the 300 mm x 300 mm (11.81" x 11.81") surface provides adequate space to hold needed tools. Each tray comes with a hinged clamp, shown to the right, to attach it to mounting posts. These clamps allow the tray to be installed anywhere on the post without removing the existing shelves. The trays also include a PSY322 Hinged Locking Clamp, which will hold the vertical position on the post while allowing for free rotational movement around the axis of the post.

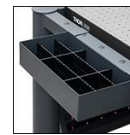
A 750 mm (29.5") tall post is included with the PSY320 tray to attach directly to the ScienceDesk frame. If additional trays are needed we offer the PSY320/S, which do not include mounting posts. These additional trays are also ideal if you wish to use our 1000 mm (39.4") tall mounting posts (sold separately) instead of the 750 mm (29.5") tall posts provided with the PSY320. Each components tray can also be mounted directly to our standard Ø1.5" posts.

Part Number	Description	Price	Availability
PSY320	Ø1.5" Post Mounted Components Tray, 750 mm Tall Post Included	\$289.50	Today
PSY320/S	Additional Ø1.5" Post Mounted Components Tray	\$222.95	Today

[Hide Tool Caddy](#)

### Tool Caddy

- ▶ Size: 340 mm x 168 mm x 77 mm (13.39" x 6.61" x 3.03") (L x W x H)
- ▶ Rubber Mat in Bottom to Protect Tools and Components
- ▶ Divider Kit Included
- ▶ Accepts BT17 (BT17/M) Benchtop Organizer



Click to Enlarge  
PSY157 Tool Caddy with Included Dividers



Click to Enlarge  
PSY157 with BT17 Benchtop Organizer (Sold Separately)

This versatile Tool/Parts Caddy is ideal for general storage. It measures 340 mm x 168 mm x 77 mm (13.39" x 6.61" x 3.03") and simply hooks over the rails of the ScienceDesk as shown to the right. The caddy is made from 1.2 mm (0.05") thick steel with a grey powder-coated paint finish and is supplied complete with a rubber base mat for protecting tools and components.

A divider kit is also provided to allow the user to build smaller storage bins. As shown to the right, it is comprised of two plastic pieces that span the length of the caddy and two that span the width. The dividers can be moved and interlocked to build different arrangements. They can also be cut into smaller lengths to build custom bin sizes. The caddy can also house our BT17/(M) benchtop organizer, as seen to the right.

Part Number	Description	Price	Availability
PSY157	Tool Caddy for ScienceDesk	\$101.77	Today

[Hide Magnetic Storage Tray](#)

### Magnetic Storage Tray

- ▶ 6" (152.0 mm) Diameter, 1.2" (31.0 mm) Deep Bowl with Pivoting Plastic Cowl
- ▶ Contents Retained Magnetically
- ▶ Durable Stainless Steel Construction
- ▶ Protective Rubber Cover on Magnet Prevents Marring of Mounting Surface



Click to Enlarge  
Rear View of the MPT01 Storage Tray, Showing the Ø3.25" (Ø82.5 mm) Magnet



Click to Enlarge  
MPT01 Storage Tray is Ideal for Holding Tools and Devices

This Magnetic Storage Tray is ideal for storing small tools, cap screws, and other fasteners securely. The tray can be magnetically held horizontally or vertically to any ferrous surface such as an optical table or breadboard. When attached to a vertical surface, a plastic cowl holds nonmagnetic or loose items as shown to the right. The cowl pivots and clips in place at the upper and lower ends of travel to prevent accidental movement.

A rubber cover on the Ø3.25" (Ø82.5 mm) magnet protects the mounting surface from damage. The magnet serves two purposes; it attaches the tray to the ferrous

surface and holds magnetic parts within the tray.

Part Number	Description	Price	Availability
MPT01	Magnetic Storage Tray	\$23.29	Today

[Hide Cable Tray](#)

### Cable Tray

- ▶ Attach to the Upper Rear Rail of a ScienceDesk (Shown in Photo to the Right)
- ▶ Ideal for Keeping Electrical Cables and Fiber Optic Patch Cables Out of the Way
- ▶ Maximum Load Capacity (Evenly Distributed): 5 kg (11 lbs)
- ▶ Length: 900 mm (35.44")



Click to Enlarge  
PSY230 Shown Fitted to the Rear Rail of a  
ScienceDesk

This Cable Tray is designed to be attached to the rear rail of the ScienceDesk, using the two brackets supplied. It is easily installed by hooking the brackets over the rail and locating the cable tray into the slots in the brackets. The tray is made from 3 mm (1/8") thick steel wire with a powder-coated plastic finish. Measuring 900 mm (35.44") long, 60.6 mm (2.39") high and 109.4 mm (4.31") deep, they are ideal for keeping electrical cables and fiber optic patch cables tidy.

Part Number	Description	Price	Availability
PSY230	ScienceDesk Cable Tray, 900 mm Long	\$92.34	Today

[Hide Storage Rack](#)

### Storage Rack

- ▶ Steel Panel with 70 Slots for Flexible Bin Positioning
- ▶ Panel Size: 532.6 mm x 580.0 mm (20.97" x 22.83")
- ▶ Supplied with Several Sizes of Lin Bins
  - Qty 5: 135 mm Deep x 105 mm Wide x 75 mm High, Front Lip Height: 34 mm (5.32" Deep x 4.13" Wide x 2.95" High, Front Lip Height 1.34")
  - Qty 5: 190 mm Deep x 105 mm Wide x 75 mm High, Front Lip Height: 34 mm (7.48" Deep x 4.13" Wide x 2.95" High, Front Lip Height 1.34")
  - Qty 3: 210 mm Deep x 140 mm Wide x 130 mm High, Front Lip Height: 58 mm (8.27" Deep x 5.51" Wide x 5.12" High, Front Lip Height 2.28")
- ▶ Maximum Load Capacity: 50 kg (110 lbs)

This Storage Rack attaches to the side or rear rails of the ScienceDesk. It features a 532.6 mm x 580.0 mm (20.97" x 22.83") steel panel with 10 rows of 7 slots to allow flexible positioning of storage bins. The panel hooks over the lower rail of the ScienceDesk, and two M16 hex bolts screw into the upper rail to hold the panel in place. 13 storage bins in 3 different sizes are also included. Please contact Tech Support if you wish to order a different combination of bin sizes. Note that this rack is not compatible with our Corner ScienceDesks.

The Large Under Shelves cannot be used if the storage rack is fitted.

Part Number	Description	Price	Availability
PSY220	ScienceDesk Storage Rack	\$249.57	Lead Time

[Hide Locking Clamp for Ø1.5" Posts](#)

### Locking Clamp for Ø1.5" Posts

- ▶ Retain the Position of Ø1.5" Post Mounted Accessories
- ▶ Hinged Clamp Design Allows for Installation Without Removing Existing Shelves

Thorlabs PSY322 Hinged Locking Clamps are the ideal solution for preventing the unwanted movement of accessories along the axis of the post. Locking the clamp in place (5 mm hex key included) directly under a post-mounted accessory, as shown to the right, prevents the accessory from sliding down the post when it is loosened for adjustments. This also allows mounted shelving or brackets to be freely rotated around the axis of the post to a needed position at any time.



Click to Enlarge  
Locking Clamp Positioned  
Under Our PSY321 Breadboard  
Mounting Bracket, Holding it  
in Place and Allowing for Free  
Rotation of the Bracket

Part Number	Description	Price	Availability
PSY322	Hinged Locking Clamp for Ø1.5" Posts	\$59.07	Today



