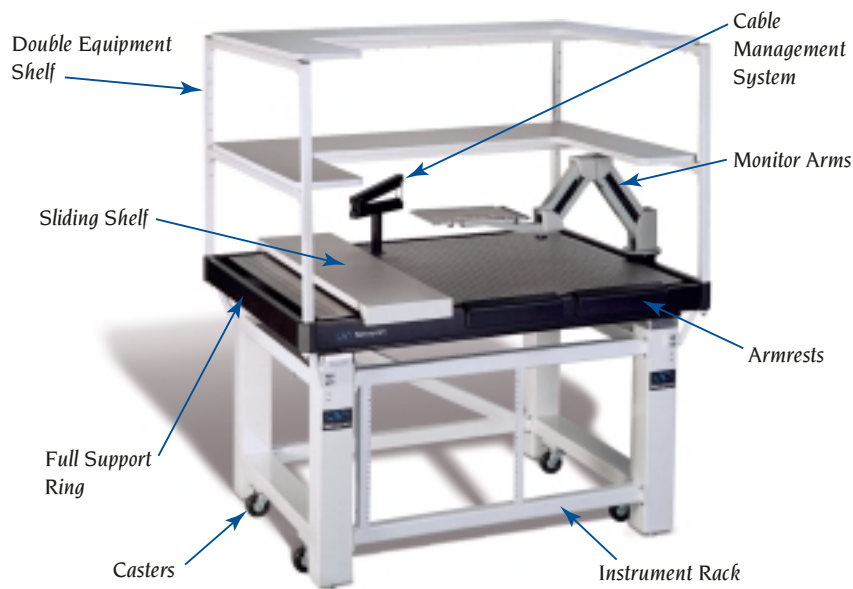


# Ergonomic Workstation Accessories



Newport offers the widest selection of accessories to bring the most ergonomic utility out of our VH, LW and Elite 3 workstations. The accessories can be ordered with the workstation as an option or purchased separately to retrofit or upgrade existing workstations.

## Armrest Support Rails

Armrest rails and support rings rigidly attach to the workstation frame and are mechanically isolated from the work surface. Including the Armrests free of charge, they offer ergonomic comfort to microscopists, assembly and test technicians.

- The Single Support Rail can be used on the front and/or rear of the workstation to support armrests and keyboard shelves; front and rear configurations will support sliding shelves.

- The Full Support Ring will support complete shelving systems, monitor arms and custom structures using our X95 rail products. The aluminum ring is coated with a scratch resistant finish and will support up to 300 lbs (135 kg). As an added benefit the ring provides some earthquake restraint by surrounding the breadboard.



### Front Support Bar

Includes two soft yet durable armrests for comfortable all-day operation of equipment. Also allows attachment of movable support ring mount.

### Support Ring Mounts

Mounts may be moved anywhere around the support frame for secure attachment of virtually any type of special equipment. A generous array of tapped holes on the top and side surfaces permits secure mounting. Many customers order an extra mount for last-minute equipment additions.

### Support Ring with Armrests

The support ring encircles the top, providing a mounting surface for shelves and support ring mounts. Two armrests are included with the support ring.

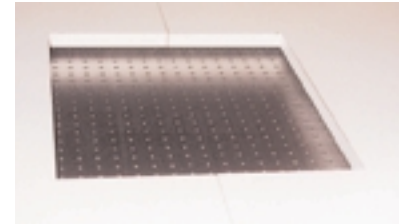
## Equipment Shelves

A variety of shelving systems are available to ergonomically place instruments in easy reach of the workstation operator. These shelves are mechanically isolated from the work surface to minimize vibration.

- The Single Equipment Shelf and Double Equipment Shelf stand on the full support ring and provide convenient storage and location of up to 75 lbs. (34 kg) of equipment. The wrap around "U" design increases shelf space but leaves the center clear for microscopes and other tall instruments. Made of scratch resistant Formica, the shelf at back of the "U" is 14 in. deep, the sides are 8 in. wide. The shelves are adjustable in 2 in. increment heights from 12 in. to 24 in.

## Sliding Shelves

- Sliding Shelves rest on a double rail or ring to provide increased equipment space over the isolated work surface. These Formica® shelves slide on the rails using nylon bearings and can be easily repositioned to maximize workstation flexibility. Stationary shelves cover the entire worksurface and include a cutout in the center for microscope placement. These are available in select sizes.



**Single Support Rail with Armrests**

**Support Ring with Armrests**

### Sliding Shelves

Available in 6, 10, 14 and 21-inch widths, these durable laminated shelves rest on the optional support ring. Be sure to order one for a handy place to keep essential tools, samples or documents close at hand. Or, for maximum shelf space, order two—one on each side of your system.



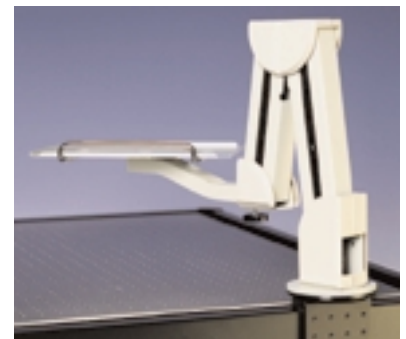
Microscope stationary shelf



### Equipment Shelves

One or two equipment shelves attach to the optional support ring, providing extra storage space without transmitting vibrations to the work surface.

**Support Ring**



OPTICAL TABLES  
 BREADBOARDS & GRID PLATFORMS  
 HONEYCOMB, GRANITE & RIGID STRUCTURES  
 ISOLATORS  
 WORKSTATIONS & ISOLATED PLATFORMS  
 STRUCTURAL RAILS & CARRIERS  
 TESTING, ANALYSIS & DESIGN  
 TECHNICAL REFERENCE

### Computer Accessories

A variety of computer accessories are available with Newport workstations.

- Monitor Arms attach to the full ring and will support instrument loads up to 50 lbs (23 kg). The monitor platform measures 12 in. x 12 in. (300 x 300 mm).



grip and can mount to the breadboard or frame. When used with a proper service loop in the cable, most cable induced vibration noise can be avoided.



- The Keyboard Shelf offers a 26 in. wide by 8 in. deep surface to support both a keyboard and track ball or small mouse pad.

### Cable Management System

Poor cable management is the primary problem in many vibration isolation systems. Cables brought to the isolated work surface can short the floating platform to ground and introduce high levels of vibration. The Newport Cable Management System secures cabling in a foam



#### Support Ring Mounts

Mounts may be moved anywhere around the support frame for secure attachment of virtually any type of special equipment. A generous array of tapped holes on the top and side surfaces permits secure mounting. Many customers order an extra mount for last-minute equipment additions.

#### Casters

With these heavy-duty casters, a workstation can be quickly and easily moved by one person. IsoStation is also compact enough to fit in most elevators.

#### Instrument Rack

Standard 19-inch rack-mounted electronics modules can be integrated into the work-station with the instrument rack accessory. The rack is constructed of welded heavy-gauge steel for stability and ruggedness. For additional isolation from vibrations transmitted through control, signal and power cables, the Cable Manager accessory is recommended.

## Support Ring Mount

These black anodized aluminum mounting fixtures offer an 1/4-20 English or M6 metric hole patterns along the top and side of the assembly. When used with our ring or rail systems, these mounts offer platform isolated support for loads up to 35 lbs and side loads to 840 in/lbs.

## Instrument Rack

Standard 19 in. instrument rack mounts to the front of any VH workstation and can carry up to 75 lbs. (34 kg) of equipment. The rack has capacity for:

- Two #13 panels (7 in. x 19 in.)
- Three #12 panels (5.25 in. x 19 in.)
- One #14 (8.75 in. x 19 in.) and one #12

## Casters

Casters are available for the VH or LW workstation. Cleanroom casters are available for the VH. The wheels of the cleanroom caster are made with an anti-static material to prevent particulate contamination. The caster housing is stainless steel.

## Earthquake restraints

The Earthquake Frame Restraint secures the frame of any Newport workstation to the ground. Clamps surround the feet and bolt to the floor.

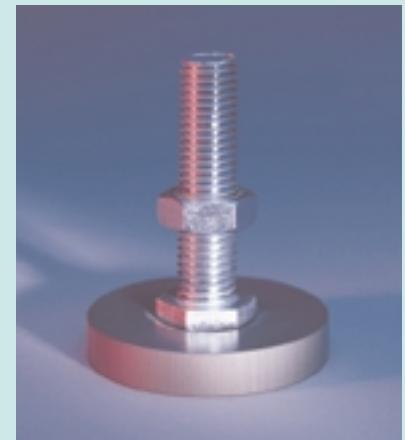
## Ordering Information

### Workstation Option Order Reference

(Based on 30 x 36 in. VH or LW Workstation; part number will change for other widths and lengths)

Description	Model (Metric)	Notes
Full Support Ring	VH-FR3036	Armrest included
Single Support Ring	VH-SSR36	Also available in 30, 48, 60 in. wide
Single Instrument Shelf	VH-S13036	Requires Full Support Rail
Double Instrument Shelf	VH-S23036	Available for 3036 and larger
Sliding Shelf, 6 in. wide	VH-S630	Requires Full Support Rail or two Single Support Rails.
Sliding Shelf, 10 in. wide	VH-S1030	For 36 in. wide frames order VH-S636 etc.
Sliding Shelf, 14 in. wide	VH-S1430	
Sliding Shelf, 21 in. wide	VH-S2130	
Monitor Arm	VH-M	Requires Full Support Ring
Keyboard Shelf	VH-KBS	Requires Full Support Ring or one Single Support Rails
Support Ring Mount	VH-AM (M-VH-AM)	Require Full Support Ring or Single Support Rail
Instrument Rack, 19 in. standard	VH-IR36	VH Only. For wider frames order VH-IR48 etc.
Cable Management System	CMS	
Casters, VH only	VH-C	VH only
Casters, Cleanroom	VH-CR	VH only
Casters, LW only	LW-C	LW only
Earthquake Frame Resistant	VH-ERF	VH only
Frame Support Foot	VH-FT	3/4-10 x 3 in. thread

Contact Newport's application engineers for workstation-specific part numbers.



VH-FT

OPTICAL TABLES

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