

# Universal Base

## Key Features

- Patented mounting device gives unprecedented positioning flexibility
- Position post-mounted components anywhere, at any orientation, on an optical table
- Indexing spheres will act as a position reference block



BUP-2

**The patented BUP-2 Universal Base lets you quickly mount optical hardware** anywhere and at any orientation on Newport tables and breadboards. Its compact shape permits close component spacing, and a unique design provides stable mounting for even the most critical laboratory applications.

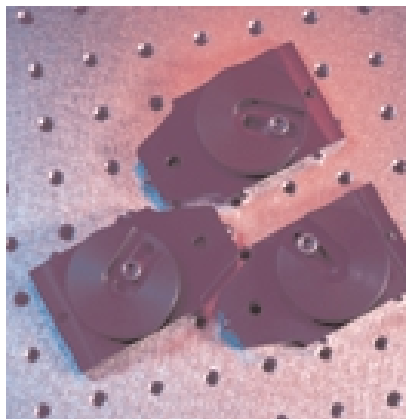
Model BUP-2 has a clearance hole to mount components like post holders.

The Universal Base can also be used as a position reference block with its hardened locating spheres along two edges to serve as indexing points.

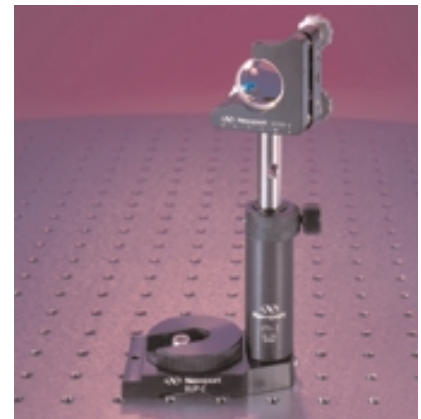
## Ordering Information

Model	Description	Price
BUP-2	Universal Base	\$69

U.S. Patent 4,690,507

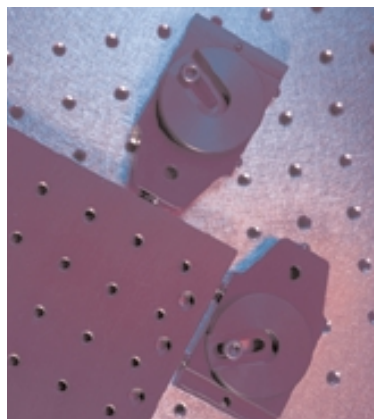
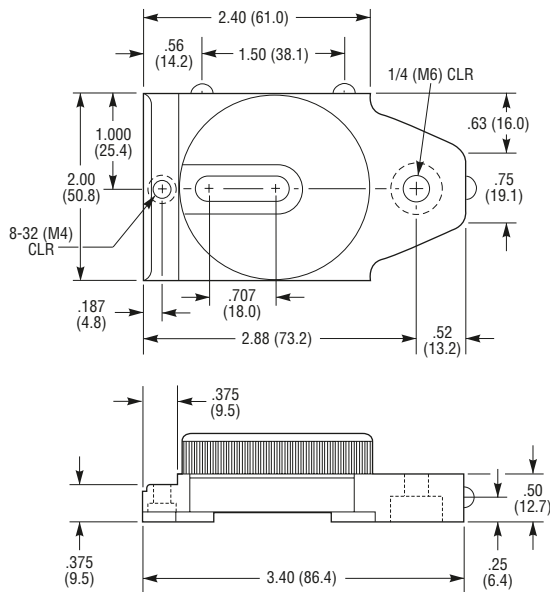


Bases are shaped to permit close spacing between components.



Universal Base holding U100-A Optical Mount on SP-3 Post in VPH-3 Post Holder.

**Model BUP-2**



Indexing spheres on Universal Base can be used for precise component relocation.

**A Newport Exclusive**

Newport's BUP-2 Universal Base and BK-3 and BK-5 Kinematic Bases incorporate a patented mounting device that gives them unprecedented positioning flexibility. A freely-rotating disk, inset into each base, has an eccentric clearance slot to accommodate a 1/4-20 or M6 tie-down bolt. This single bolt firmly clamps the assembly to the table surface. The slot permits 0.707 in. of translation—at least half the diagonal distance between holes in Newport's English and metric tables, breadboards and mounting components like lab jacks and stages. Thus it is always possible to find a mounting hole through the clearance slot by rotating the trapped disc; the bases can be freely positioned anywhere, at any orientation, on the table surface.

See our website for CAD files.