

BiPod Polisher™

The Model 595 BiPod Polisher™

The Model 595 BiPod Polisher™ is a variation of the well known Tripod Polisher®. The BiPod Polisher™ is designed with flats on all sides which make it more suitable for viewing under a standard upright stereo microscope and also simplifies adapting the polisher for semiautomatic SEM cross sectioning. The BiPod Polisher™ is used in the same way as the Tripod Polisher® with the exception of it having only 2 feet and those feet being controlled by precision machined screws instead of micrometers. The BiPod Polisher™ can also be mounted easily onto either the Model 910 or Model 920 Lapping and Polishing machine with the appropriate yoke for semiautomatic polishing. The BiPod Polisher™ uses the same sample mounts as the Tripod Polisher® and the polishing procedure is essentially the same. The BiPod Polisher™ is capable of being used for both SEM cross sectioning and TEM Wedge polishing.

Special Features

- Square edge design simplifies viewing under an upright stereo microscope.
- Sample holders are interchangeable with Tripod Polisher®.
- Can be used in conjunction with SBT polishing machines to automate the polishing process.
- Compact design allows it to easily fit under most stereo microscopes.
- Small size and ergonomic design makes it easier to hold while polishing.
- Flexible design makes it suitable for both SEM cross sectioning and TEM wedge polishing.

Specifications

Dimensions: 2.5" W x 2.75" D x 1.75" H
Weight: 6 Oz.
Adjustment Screw Resolution: 10μ



Wedge polished sample of tungsten over Ti-nitride/silicide over silicon at the edge of an oxide filled trench. (Image courtesy of IBM Analytical Services)



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