



V I S T E K
I N C O R P O R A T E D

1741 W. University Drive, Ste. 146
Tempe, AZ 85281
P.602.426.1211/F.602.426.1611
www.vistekinc.com

Series 320 Vibration Isolation Bearing

Vistek works closely with equipment manufacturers to enhance their products performance.



Manufacturer: Applied Precision, Issaquah, WA

Application: Four Series 320 VIB's have been built into this table to isolate only the critical area beneath the sensitive scope leaving the rest of the table free as a workspace.

The **DeltaVision** system employs optimized illumination and CCD-based detection to measure the maximum amount of the light collected through the microscope objective. This approach yields higher resolution images at substantially lower illumination levels than those of confocal laser microscopes. The white light illumination source provides virtually unlimited illumination flexibility, and multi-wavelength images can be acquired using excitation illumination anywhere from 340 nm – 685 nm. The system excels in collecting low-intensity signals from specimens with minimal photo bleaching, another potential problem associated with laser scanning microscopy.

Most microscopy imaging systems acquire non-linear fluorescence data, due in part to imprecise mechanical and optical control. Accurate quantitative measurements of such images are compromised, yielding results that are difficult to reproduce. In contrast, the **DeltaVision** system obtains highly quantitative fluorescence data via excellent XYZ positioning accuracy, excitation intensity monitoring, and state of the art optical performance.

Contact Vistek with any questions.