

# Precision Measurement

*If you rely on precision measurement with a high degree of accuracy every time, you need the Multi Measure II™*

The quality of craftsmanship, technology and attention to detail in the development and construction of this highly accurate piece of equipment is evident at a glance. The ergonomically designed location of all controls, stress relieved and cold stabilized treatment of all components, and the fine focus that operates throughout the Z axis are just some of the features that make the Multi Measure II the best choice for high precision measurement. To support our promise of quality, all measurements are certified with a Hewlett-Packard Laser Metrology System. Certificates are shipped with each Multi Measure II.

The Multi Measure II is available in a variety of sizes and configurations from 4"x4" manual to 8"x12" CNC controlled with Auto-Focus and Auto-Edge Detection. We can tailor a system to your needs and build precise fixtures and gages for a wide variety of applications.

THE STAND AND STAGE ARE PRECISION MACHINED, GROUND AND LAPPED THROUGHOUT. Z-AXIS WAY-COVERS PREVENT PARTICLE CONTAMINATION.

DUAL AXIS STAGE SYSTEM. HORIZONTAL STRAIGHTNESS: 25 MILLIONTHS PER INCH OF TRAVEL.  
ORTHOGONALITY: 3 ARC SECONDS.  
PITCH: 5 ARC SECONDS FULL TRAVEL.  
YAW: 2 ARC SECONDS FULL TRAVEL.

THE MULTIMEASURE II CAN BE ADAPTED TO OPTICS OF YOUR CHOICE.

## Multi Measure II™

THE ERGONOMICALLY DESIGNED LOCATION OF ALL CONTROLS ELIMINATES CONSTANT REACHING TO THE VERTICAL COLUMN AND RELIEVES USER FATIGUE. OPERATION OF THE PATENTED FRONT FOCUS CONTROL WILL NOT INFLUENCE THE HEAD. THIS ADDS TO ACCURACY AND EASE OF USE.

STANDARD COURSE AND FINE MOVEMENT CONTROLS.  
COURSE 0.500" PER REVOLUTION.  
FINE 0.0125" PER REVOLUTION.

FINE FOCUS CONTROL OPERATES THROUGHOUT THE FULL Z-AXIS TRAVEL ELIMINATING REPEATED ADJUSTMENTS.

THE BASE IS EASILY MACHINED TO ACCOMMODATE SPECIAL TOOLING APPLICATIONS AND OPTIONS TO MEET ALL YOUR NEEDS.