

# MAGNA-VISION

## Model MV1000

### *A visual aid for machining small, precision parts*

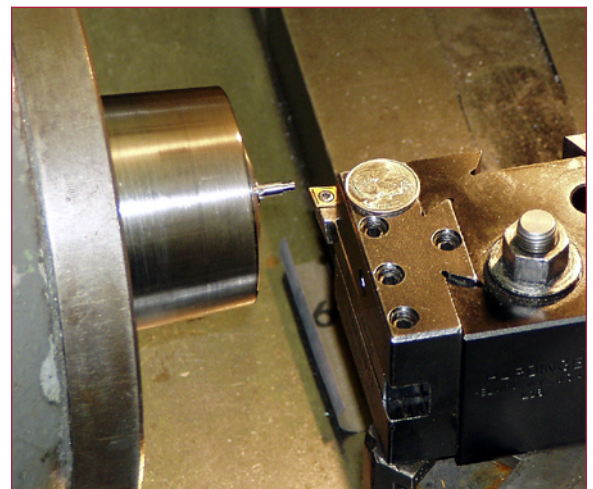
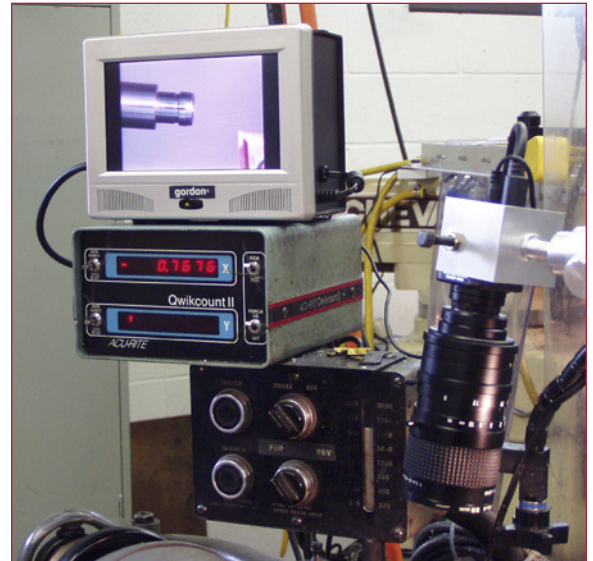
We designed the Magna-Vision specifically for the precision machining of small, intricate parts. A full color LCD monitor provides a clear, high resolution view of the part features and the tool contact and clearance.

By providing a magnified view of the part detail, the MV1000 improves operator accuracy and safety significantly—without the use of an eye loop or other magnifier.

The part detail finishes are clearly visible (in close proximity to the machine DRO), improving operator efficiency and reducing fatigue.

### *Features*

- Provides visual magnification up to 35X
- Greatly improves operator safety
  - > Eliminates the need to lean into the machine to view the part closely
  - > The operator can see the tool location easily
- Improves operator ergonomics by eliminating the need to bend to view the operations
- Improves quality—the finish and edge conditions are clearly visible
- Reduces errors
  - > The tool clearance is visible
  - > Magna-Vision provides a single view of the part and the machine DRO



# MAGNA-VISION MV1000

## Product Specifications

### Power Requirements

115 V AC, 2 Amps

### Operating Temperature

-10 to +40°C

### Operating Humidity

Less than 90% relative humidity

### Lens Options - Zoom

Magnification (on monitor): approximately 13  
Focal distance: 8.5 inches

### Lens Options - High Magnification

Magnification (on monitor): approximately 35  
Focal distance: 7 inches

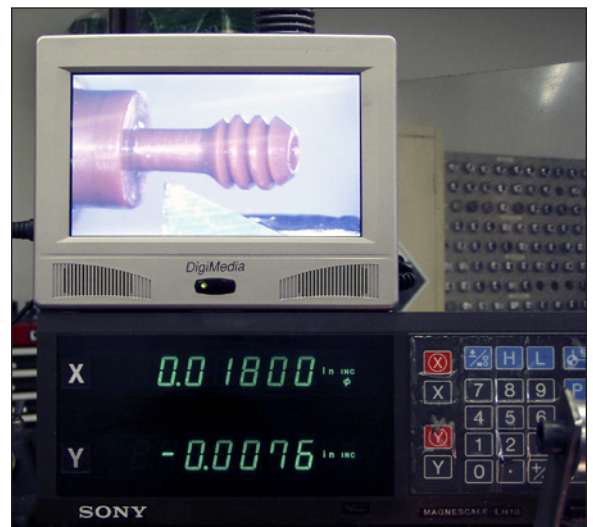
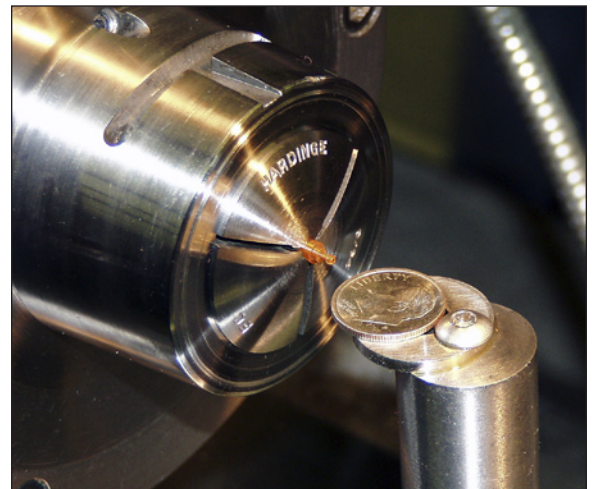
### Stand (custom mounts available)

Mount: 3 point magnetic  
Vertical Height : 30 inches  
Horizontal reach: 24 inches

### Monitor/Power Supply

Size: 7 inches diagonal (monitor)  
Weight: 3 pounds

**Specifications are Subject to Change without Notice**



gordon visual solutions  
504 Reiman Street  
Buffalo, New York 14212-2250

gordonvisualsolutions.com  
716-894-5930 • Fax 630-839-5930  
info@GordonVisualSolutions.com