



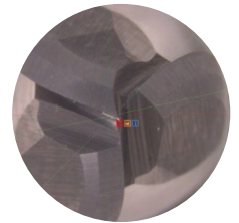
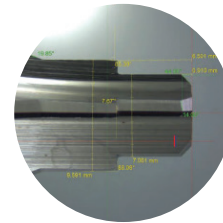
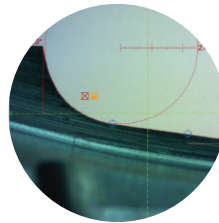
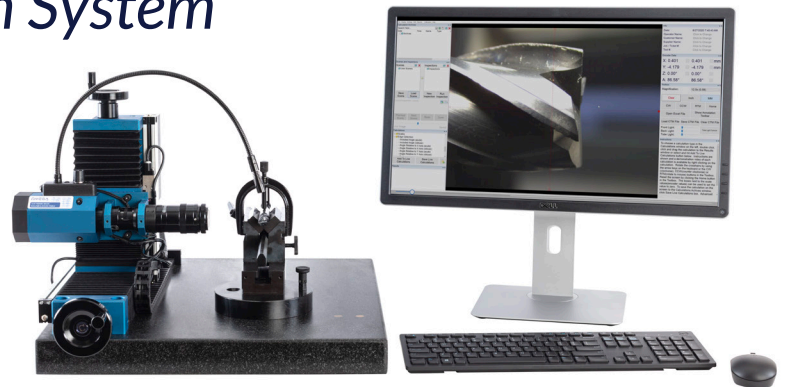
# VUE

## Tool Inspection System



MADE IN USA

*The Omega Vue is a simple yet robust machine for the inspection of your cutting tools. With magnification up to 145x and easy measurements of helical angle and landwidth the Vue is the perfect inspection machine for any tool maker!*



### FEATURES

- Ball nose
- Radii inspection using edge detection
- Step reamer
- .DXF file overlay
- Rake angle inspection using scales
- Helical angle and land width 0.0030 tool getting measurements plotting with points
- Angle measurements plotting with points
- Measurements found after the points
- Rotating Axis
- Creation of Reports
- Document the Image

### ADVANCED SOFTWARE

Microscope: \*00484-1A 12x optical system

Magnification: 12.5x, 20x, 30x, 40x, 50x, 60x, 70x, 80x, 90x, 110x, 120x, 125x, 130x, and 145x

Field of View:  
 12.5x = 25 mm, 20x = 16.7 mm,  
 30x = 11.6 mm, 40x = 8 mm,  
 50x = 6.6 mm, 60x = 5.4 mm,  
 70x = 4.55 mm, 80x = 4.0 mm,  
 90x = 3.5 mm, 110x = 3.0 mm,  
 120x = 2.8 mm, 125x = 2.6 mm,  
 130x = 2.5 mm, 145x = 2.3 mm

Range of Focus: 36mm (1.437")

Camera: \*5 megapixel, 1/2" format USB 3.0 color camera

Computer: \*Dell mini-tower or desktop, i7 quad core processor, 8 GB RAM, 500 GB hard drive. Digital DP 4K video card

Monitor: 24" diagonal 3480 x 2160 RES flat panel

Operating System: \*Windows 7, 64 bit; Windows 10, 64 bit

Scales: \*Fagor 1 micron

Light: Variable Intensity LED work light manufacturers, operating systems and computer components as needed 1Realtime Cutting Tool Inspection

Language: English, German, Chinese

Software Upgrades: Software upgrades are free using "Check for Upgrade" in software File menu, v. 7 only

Screen Resolutions:  
 Low = .010 mm (.00039")  
 High = .001 mm (.000039")

Repeatability: .005 mm (.0002") at max. magnification

Measuring Range: 75 mm vertical x 200 mm horizontal (50 mm of additional vertical optionally available)

General Information: Dimensions: 24" wide x 19" deep x 18" high

Weight: 140 lbs;

Power: 110 volts default; 220 optional

Warranty: One year on all parts supplied by Omega TMM at the time of purchase as an upgrade or full system

# ΩMEGA TMM