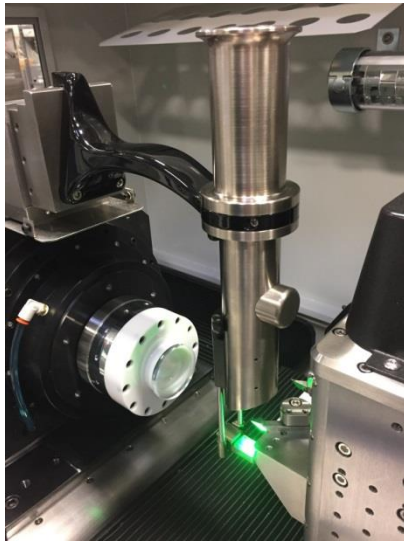
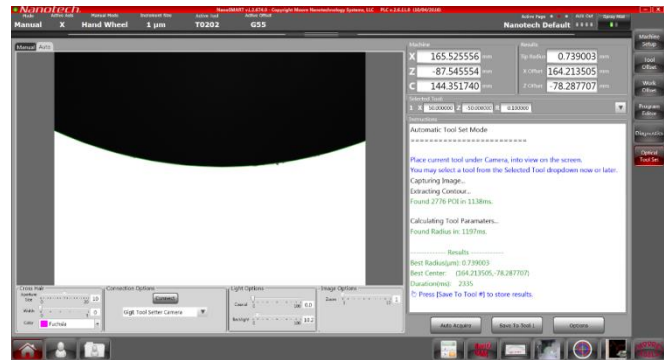


OTS - Optical Tool Setting System

Cordless / Fast / Lightweight / Accurate Diamond Tool Setup



Weighs only 2 kg (4 lbs)



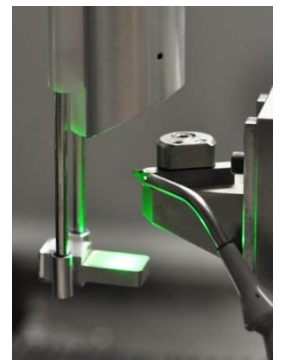
One Button Capture to Automatically Calculate Tool Radius & X Position Instantaneously within 1 μ m!

Innovative Technological Advancements

- ◆ **Automatic Edge Detection Technology** with contour tracking finds diamond tool center position and radius instantaneously
- ◆ **< 1 μ m Total System Repeatability** can significantly reduce the time required for ultra precise tool setups
- ◆ **50% Weight Reduction** compared to previous generation
- ◆ **5MP Camera Resolution** (5X increase) provides significantly improved image quality versus previous system
- ◆ **Total Cable-free System** receives power & I/O communications directly through re-engineered kinematic mount design
- ◆ **Adjustable LED Lighting** features software adjustable back lighting as well as coaxial lighting for non edge detection applications
- ◆ **Advanced OTS Software** with embedded routine for rapid tool setups



Integrated Power & I/O



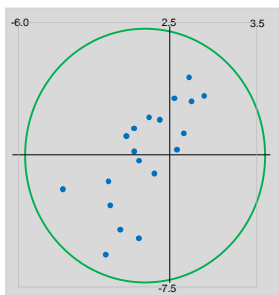
LED Backlight

Optical Tool Set Camera's Unique Design Features



- 1 - Smooth brushed nickel upper camera housing doubles as comfortable carrying handle enabling ease of use
- 2 - Sleek curved style engineered to clear 250mm (10") diameter vacuum chuck and with increased reach so more parts can remain on spindle during tool setting
- 3 - Re-designed kinematic mount with integrated power and I/O
- 4 - Lower Camera Housing with co-axial monochromatic light
- 5 - Monochromatic back lighting from beneath diamond tool (shown in storage position)

Manual OTS Systems
9.6 μ m



Auto Edge Detection OTS
0.633 μ m!

