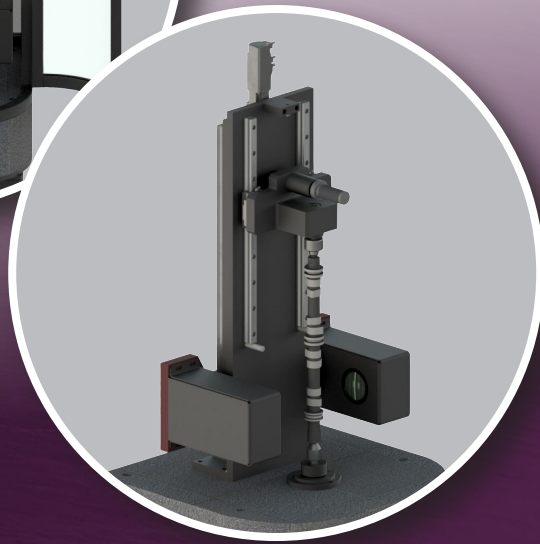


PHANTOM

Designed for turned or ground shafts! And with the click of a button, you're measuring microns.



VISION TECHNOLOGY

Measuring multiple features in one unit can save time, money & provide you with peace of mind. The Phantom can measure an array of features & GD&T. With options to measure parts from 100-600 mm you have the ultimate versatility.

FAST AND RELIABLE

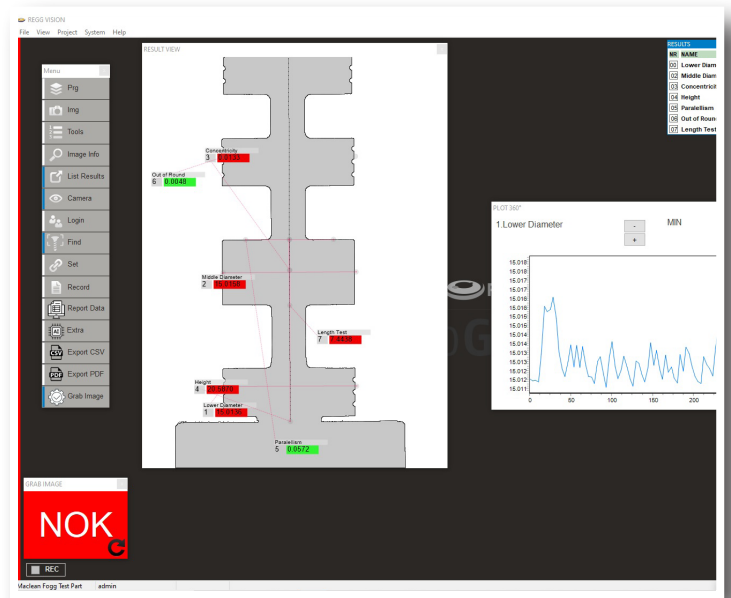
The Phantom is manufactured to be reliable and precise while being designed for a factory or production floor environment. Camera moves up & down the shaft with or without rotation to give you flexibility on what to measure and how frequently.

MACHINE OPTIONS	MEASURING RANGE
Phantom 300B*	100-300 mm
Phantom 300	100-300 mm
Phantom 450	100-450 mm
Phantom 600	100-600 mm

*Benchtop System

SOFTWARE FEATURES AND BENEFITS

- Plugs into any standard 120V outlet
- All measurements in real time
- Software with 3 access levels
- Linear and radial axis measurements
- Pre-set limits
- Visual graphs
- Easy saving of programs and measurement data
- Possibility to export all data via USB port or Wireless
- Ready to connect to a printer
- High resolution industrial vision system with high quality telecentric optics
- Special workholding fixture options available
- Part to part changeover less than :20 seconds



MACHINE SPECIFICATIONS	PHANTOM
Camera resolution	12 MP
Bi-Telecentric Lens	Included
Collimated telecentric backlight	Included
PC with Windows 10 Embedded (P)	Optional
Rotation module (R)	Included
Reporting ready to print	Included
Size Ranges (mm)	100-300, 100-450, 100-600
Vision Area (mm)	60x80
Measuring Uncertainty*	Length L (mm): U(95)** 2+L/100µm Diameter D (mm) U(95)** 1+D/100µm
Dimensions (mm)	600x600x1200
Weight	650 kg
Power supply	110/220V - 50/60 Hz.

* Calculated following DIN 1319 part 3 / ISO norms on a reference master part (Ambient temperature at 20°C+/-1°).

** U95 is defined (according to the ISO Guide to the Expression of Uncertainty in Measurement [GUM]) as a 95% uncertainty confidence.
All specifications are subject to change without prior notice. All pictures are for reference only.

Designed, Built, Supported in Michigan, USA.



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High resolution vision system:  Regginspection