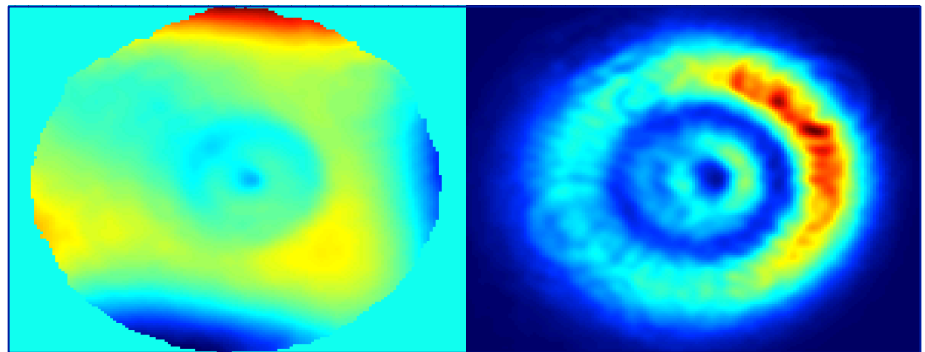




Final product may differ from image



**QuantoPhase™** wavefront sensors provide precision wavefront sensing solutions for optical metrology and laser beam characterization. Our patented wavefront sensing technology provides robust and affordable devices with customized wavelength range with the *lowest cost per sampling pixel*.

### KEY FEATURES

- Amplitude + phase
- Zernike/Legendre coefficients
- 200 x 150 sampling
- 100  $\lambda$  dynamic range
- $\lambda / 100$  rms precision
- Visible and NIR wavelengths

### APPLICATIONS

- Wavefront measurement
- Adaptive optics
- Laser beam characterization
- Lens characterization
- Laser beam collimation
- SDK for C++/MATLAB

**RAM PHOTONICS, LLC.**

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## Digital Shearing Wavefront Sensor

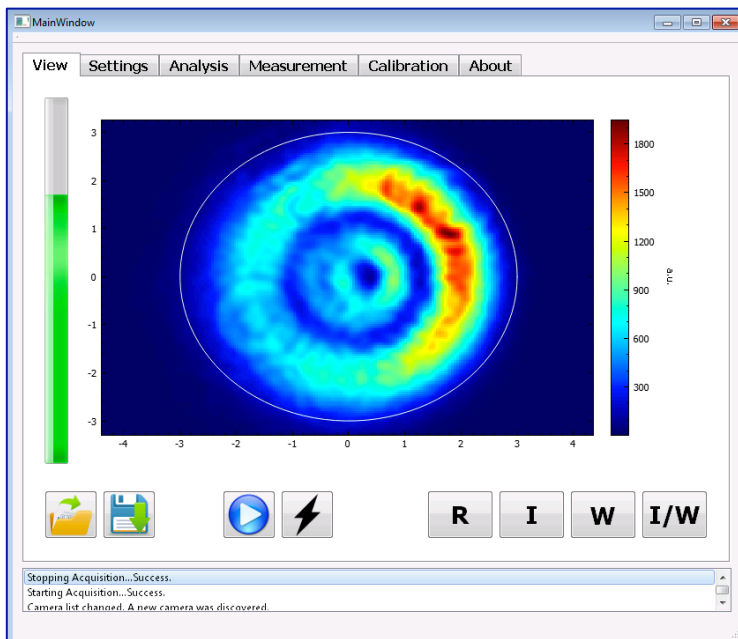
### SPECIFICATIONS

Final product specifications may vary

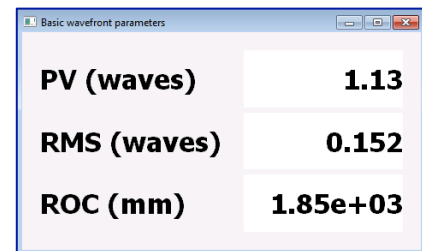
	Standard	Options / Comment	Unit
<b>Spatial Resolution</b>	100	-	μm
<b>Sampling</b>	200 x 150	-	-
<b>Precision</b>	$\lambda / 100$	-	-
<b>Operational Wavelength</b>	1064 / 532	Customizable	nm
<b>Dynamic Range</b>	100 $\lambda$	-	-
<b>Bandwidth</b>	$\pm 150$	-	nm
<b>Detection Area</b>	6.6 x 8.8	-	mm <sup>2</sup>
<b>ROC<sup>(1)</sup> Dynamic Range</b>	0.05 to 500	-	m
<b>Acquisition Rate</b>	4-10 <sup>(2)</sup>	Externally triggerable	Hz
<b>Communications Interface</b>	GigE or USB3	-	-
<b>Operating System</b>	Win 7 or 10	-	-

(1) Radius of Curvature

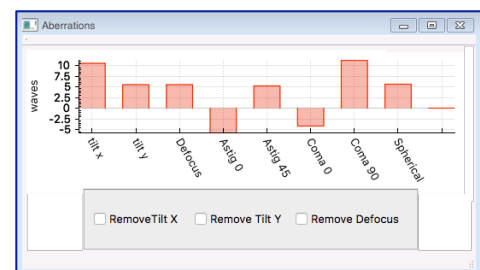
(2) May vary depending on user computer system



Software User Interface



Basic Properties Display



Aberration Measurement Display