

## Speed, Accurate, Easy. Measure On.

### Features:

- Continuous image acquisition
- Instant measurements
- Simultaneous measurement of multiple dimensions
- Accurate to 0.0001 inches
- Precision optics
- User friendly full feature software
- Dimensions saved on the oasis
- Automatic inspection reporting
- Quality, robust construction
- Ready to inspect

The OASIS is our premier optical profile inspection system that combines accuracy and precision with a fast, easy to use operator interface.

The OASIS allows users to measure multiple dimensions on a part simultaneously and instantly. The measurements show up on an easy-to-read drawing dimensioning format and are saved in the Oasis for inspection archival or for built-in quality control reporting.

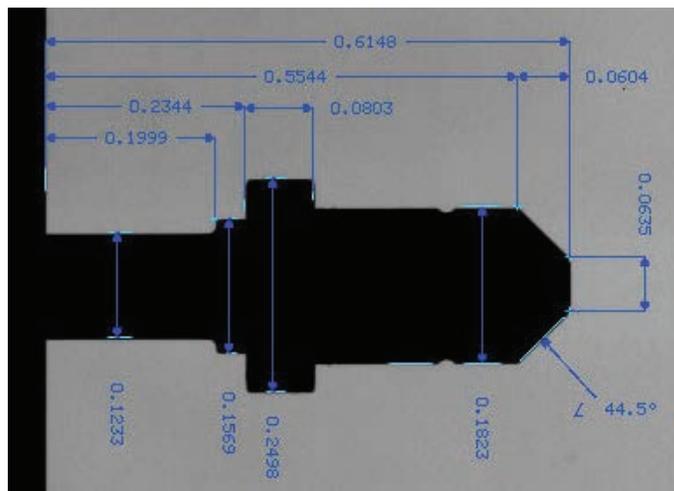
The powerful software behind the scenes converts the captured image into real dimensional data that measures the part to an accuracy of 0.0001 inches!

The OASIS features the most advanced reliable software in the industry. Coupled with speed, accuracy and ease, the OASIS will quickly become the **most valued addition** to your Quality Control Department!

The OASIS works by utilizing an LED light source to collimate precise rays through a series of specially designed diffusers and lenses that shine across the part to be inspected. That image is then captured by a very specific telecentric optical lens, which results in a perfect monochrome profile of the inspected part. The part profile is then digitally captured with a specially designed camera system and transferred to the custom onboard computer where the software does the rest. The image is analyzed and measurement data is displayed on-screen.

The OASIS operates by casting a "Shadow" of a part to be inspected and capturing that image in a digital format to be analyzed by an on-board computer. The powerful software behind the scenes converts the captured image into real dimensional data that measures the part to an accuracy of 0.0001-inches! When a part is placed in the OASIS, the user will see a digital image of the profile of the part to be inspected. OASIS can search and automatically find the appropriate part inspection program that includes the dimensions the user wishes to measure. The OASIS captures images in real-time, so regardless of the number of dimensions, every time another part is placed into the OASIS, each and every measurement is simultaneously and instantly updated.

The software also includes a color-coded display panel that shows the actual measured dimension and the user defined upper and lower limits (tolerances). Pass/Fail indications are easily identifiable for all measurements. The OASIS features built-in quality control inspection reporting. Measurements taken by the OASIS are recorded in the unit as parts are inspected. Those dimensions can be imported into the OASIS Inspection Reporting feature which will create a custom report that can be printed or saved in the OASIS for future retrieval. The Quality Control report can be created for the dimensions of a single inspected part or for a group of parts in an entire production run.



Name	Meas'd	Min	Status	Max
DIA	0.1233	0.1220	Pass	0.1260
DIA	0.1569	0.1542	Pass	0.1582
DIA	0.1823	0.1770	Pass	0.1870
DIA	0.2498	0.2480	Pass	0.2520
Dim 1	0.0635	0.0610	Pass	0.0650
DIST	0.6148	0.6070	Pass	0.6170
DIST	0.0604	0.0575	Pass	0.0675
DIST	0.0803	0.0750	Pass	0.0850
DIST	0.5544	0.5490	Pass	0.5590
DIST	0.2344	0.2300	Pass	0.2400
DIST	0.1999	0.1950	Pass	0.2050
Angle A	44.5°	43.0°	Pass	47.0°



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Measure On.**

George Products Company, Inc.  
110 Sleepy Hollow Drive  
Middletown, DE 19709  
(302) 449-0199 PHONE  
(302) 449-0288 FAX

[www.georgeproducts.com](http://www.georgeproducts.com)