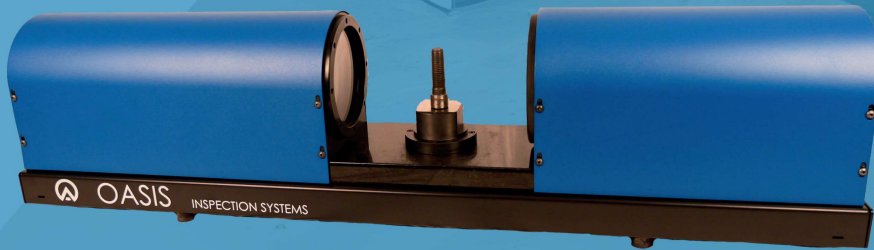


Core X2

2D measurement optical
inspection system



OASIS Core X2

The Core X2 is an optical profile inspection system that combines accuracy and precision with a fast, easy to use operator interface. The Core X2 allows users to instantly measure all the dimensions on a part with an accuracy of up to ± 0.0002 inches!

Features

- ✓ Real time measurements provided 6 times a second
- ✓ Accurate up to ± 0.0002 "
- ✓ User friendly software
- ✓ Generate PDF reports or export raw data for analysis



FAST

The OASIS Core X2 allows users to instantly measure all of the dimensions on a part.



ACCURATE

The OASIS Core X2 has an accuracy of up to ± 0.0002 inches.



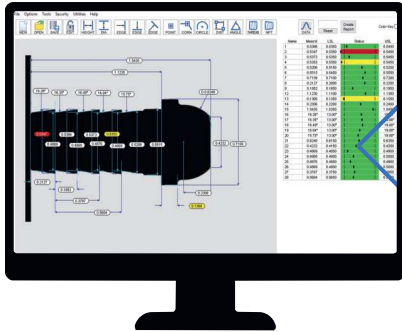
EASY TO USE

The Core X2's easy to use operator interface allows users to create part programs in just minutes.

Measurement and Analysis

By capturing the image in digital format, the software converts the image into real-time dimensional data. Every time a part is placed in the inspection zone, all dimensions are instantly measured and displayed. Those dimensions are sent to the OASIS Inspection Report that can be printed or saved for easy future retrieval. This data can be saved as a PDF report or exported as raw data to SPC Software for analysis in real-time. To measure parts larger than the field of view, the OASIS-Link File Linking tool combines multiple part programs in automatic sequence and has them reported and linked together.

Display Output



Name	Meas'd	LSL	Status	USL
1	0.5366	0.5350	Pass	0.5450
2	0.5347	0.5350	Fail	0.5450
3	0.5373	0.5350	Pass	0.5450
4	0.5353	0.5350	Warn	0.5450
5	0.5206	0.5150	Pass	0.5250
6	0.5515	0.5450	Pass	0.5550
7	0.7159	0.7100	Pass	0.7200
8	0.2127	0.2000	Pass	0.2200
9	0.1882	0.1850	Pass	0.1950
12	1.1230	1.1100	Pass	1.1300
13	0.1368	0.1350	Warn	0.1550
14	0.2306	0.2200	Pass	0.2400
15	1.5435	1.5350	Pass	1.5450
16	16.26*	13.00*	Pass	19.00*
17	16.35*	13.00*	Pass	19.00*
18	16.49*	13.00*	Pass	19.00*
19	16.04*	13.00*	Pass	19.00*
20	15.75*	13.00*	Pass	19.00*
21	0.6248	0.6150	Pass	0.6350
22	0.4232	0.4150	Pass	0.4350
23	0.4869	0.4850	Pass	0.4950
24	0.4868	0.4800	Pass	0.5000
25	0.4876	0.4850	Pass	0.4950
26	0.4869	0.4800	Pass	0.5000
27	0.3787	0.3750	Pass	0.3850
28	0.5684	0.5650	Pass	0.5750

Accuracy Results

A color-coded display panel shows the actual measured dimension and the user-defined upper and lower limit tolerances. Pass/Warn/Fail indications are easily identifiable for all measurements using Green (Pass), Yellow (Warning), and Red (Fail).

Return on Investment

At OASIS, our goal is to ensure your investment in our inspection system pays for itself in the shortest possible time. Faster inspection means less cost per inspected part. By inspecting more parts, you can make less rejects and have more machine run-time. Scan the QR code on the right to calculate your expected Return on Investment!



What You'll Receive

- Core X2 vision inspection system
- Computer, monitor, keyboard & mouse
- OASIS Lite or Full software package
- Quickstart guide
- Customer after-sale unlimited training, software updates and diagnostics for 3 years

Available Accessories

- Manual Rotary Stage
- Motorized Rotary Stage
- Calibration Kit
- Premium Software Tools

OASIS Core X2 Technical Specifications

Dimensions	46" x 9" x 12" (L x W x H)
Weight	78lbs
Field of View	3.25" x 2.60"
Accuracy	Accurate up to ± 0.0002 "
Measurement of Speed	6 times per second (6 Hz)
Camera Resolution	1.2MP
Operating System	Windows 7 and above
Input Voltage	AC100-250V, 50/60Hz
Rated Power	1875W (125V / 15A)
Data Export Format	.PDF, .CSV, .TXT



Aerospace



Automotive



Dental &
Orthopedics



Healthcare
Diagnostics



Electronics



Construction



Defense

