

Wyko NT1100 Optical Profiler Accesories

Flexible Options for Surface Profiling

STANDARD WORKING DISTANCE OBJECTIVES

Wyko® objectives feature excellent thermal stability and easy focusing for long-term measurement accuracy.



Magnification	2.5X*	5.0X*	10X	10X	20X	50X
Reflectivity	20% or 90%	20% or 90%	N/A	90%	90%	90%
Interferometer Type	Michelson	Michelson	Bright Field	Mirau	Mirau	Mirau Athermal
Working Distance (mm)	3.4	6.7	6.1	7.4	7.4	3.4
Numerical Aperture	0.07	0.12	0.25	0.3	0.4	0.55

LONG WORKING DISTANCE (LWD) OBJECTIVES



Magnification	1.5X LWD[†]	2.0X LWD*	5.0X LWD*	10X LWD*
Reflectivity	20%	20% or 90%	20% or 90%	20% or 90%
Interferometer Type	Michelson	Michelson	Michelson	Michelson
Working Distance (mm)	9.6	21.1	9.3	22.5
Numerical Aperture	0.041	0.055	0.13	0.17
Parfocal With Standard Objectives?	No	No	Si	No

*Custom referente surfaces available.

[†]Requires quick-release ring for turret mounting.

Objective Mounts



Single Objective Adapter
(shown with 50X objective)



Manual Quadruple Turret

Discrete Field of View Multiplier Lenses

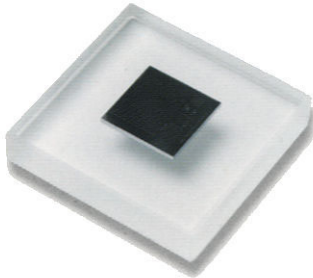


0.5X, 0.75X, 1.5X, 2.0X

Calibration Standards



10 Micron Step Height Standard



Pitch Standard
(Includes five pitch gratings and An 88 nm PSI step height)



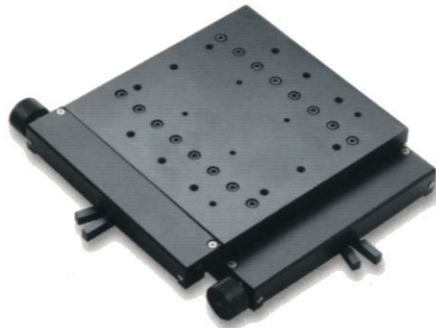
Super Smooth Referente Mirror



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Stages



Manual 100 mm (4 in) XY, Manual Tip/Tilt Stage



Automated 100 mm (4 in) XY, Manual Tip/Tilt Stage for Stitching

Vibration Isolation Systems



30in x 30in Isolation Table

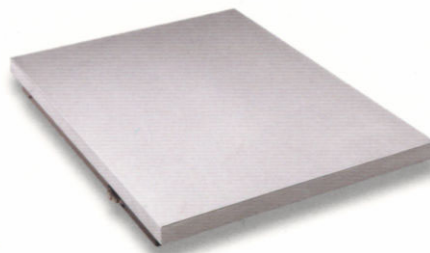


Table Top Isolation Platform

Fixtures



Porous Ceramic Vacuum Check For Small Samples



1-Inch Fixture
This fixture raises thin samples To the center of rotation of the Tip/tilt stage.



Quick Release Fixture Adapter
This fixture holds the porous ceramic vacuum check and 1-inch fixture in position, letting you quickly exchange them without fasteners.



Vacuum Switch Box
This valve lets you control the vacuum supply for stage fixtures.

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