

## WINDOW DIMENSIONS

All windows are provided as fused silica AR coated 400–1000nm unless otherwise specified in the quote.

Window Location	Description
<b>Cryostation</b>	
Housing (63/50, 100/50 sizes)	4 windows in housing 50mm, 4mm thick 4 windows in radiation shield 30mm, 3mm thick
Housing (37/30 size)	4 windows in housing 30mm, 3mm thick 4 windows in radiation shield 20mm, 2mm thick
Lid (50mm port)	1 window in housing lid 50mm, 4mm thick 1 window in radiation shield lid 30mm, 3mm thick
Lid (30mm port)	1 window in housing lid 30mm, 3mm thick 1 window in radiation shield lid 20mm, 2mm thick
<b>Magneto-Optic</b>	
Vacuum Housing (uses standard lid above, typically with 50mm port)	2 windows in magnet housing 50mm, 4mm thick 2 windows in magnet housing at end of windings 12.5mm, 2mm thick (6mm aperture) 2 double convex lenses in magnet bore tips 3mm diameter, 6mm focal length
Radiation Shield	2 windows on sides towards 50mm windows, 20mm, 2mm thick 2 windows towards windings 12.5mm, 0.5mm thick 1 rectangular window on top, 0.24 x 0.55 inches, 0.5mm thick
<b>Microscope</b>	
Vacuum Housing (uses standard lid above, typically with 50mm port)	2 windows in housing 50mm, 4mm thick 2 windows in radiation shield 30mm, 3mm thick
Optional window for aperture	0.5mm thick
<b>Nanoscale Workstation</b>	
Housing	7 windows in housing 50mm, 4mm thick 7 windows in radiation shield 30mm, 3mm thick
Lid (50mm port)	1 window in housing lid 50mm, 4mm thick 1 window in radiation shield lid 30mm, 3mm thick
Lid (Three 50mm port)	3 window in housing lid 30mm, 3mm thick 3 window in radiation shield lid 20mm, 2mm thick
Lid (7.5" window)	Not optical grade window, for viewing chamber only.

If you have specific application questions or would like to discuss anything else, please call the cryogenic engineers at Montana Instruments +1.406.551.2796.

*Note: Specifications and other information subject to change without notice.*