

PERFORMANCE					NOTES
Temperature Range	4.9K-350K	3.2K -350K	3.4K-350K	3.6K-350K	measured at platform
Sample Temperature Stability (P-P)	<100 mK	<10 mK	<15 mK	<20 mK	measured on manual positioner at base temp
Vibrational Stability (Platform)	<50 nm	<5 nm	<15 nm	<15 nm	peak to peak
Cool Down Time to 4.2K	~3.5 hrs (to 6K)	~2 hrs	~3 hrs	~10 hrs	typical performance
Cooling Power @ 4.2K	100 mW (@ 6K)	130 mW	90 mW	75mW	
OPTICAL PROPERTIES					
Optical Access	5 optical ports (4 radial + 1 overhead)			9 optical ports (8 radial + 1 overhead)	
Acceptance Angle	60° full angle	60° full angle	27.4° full angle	16° full angle	sample at center of platform
INTERFACING					
Electrical Access	20 DC connections	20 DC connections	25 DC connections	25 DC connections	
Interface Side Panels	Dual RF only	Dual RF + 25 DC (included) 1x configurable*	Quad RF (included) 5x configurable*	6x configurable*	*RF, DC, fiber options available
DIMENSIONS					
Sample Space	ø53 mm x 63 mm	ø53 mm x 100 mm	ø100 mm x 116 mm	ø196 mm x 75 mm	
Beam Height	89.9 mm	140 mm	140 mm	100 mm	from table surface
OPTIONS					
Positioning	Manually adjustable	Manually adjustable, nanopositioner	Manually adjustable, nanopositioner	Manually adjustable, nanopositioner	
High NA Integration	None	Vacuum compatible objective vertically mounted in sample space	Vacuum compatible objective horizontally mounted in sample space	Vacuum compatible objective horizontally mounted in sample space	
Magnetic Field	None	0.7T bipolar magnet integrated into a housing with 3 optical access ports.	Custom solutions required	Custom solutions required	