

## L-Type Rapid cryostat platform

Configurations	0P55	1P36	2P36	2P55	3P55
ADR cooling units	0	1	2	2	3
Sample platform	Puck 55	Puck 36	Puck 36	Puck 55	Puck 55
<b>Turnaround time</b>	< 2 h	3 h	3.5 h	4.5 h	5.5 h
Cooldown to base	< 1.5 h	< 2.5 h	< 3 h	< 4 h	< 5 h
Warmup and puck exchange	< 0.5 h	< 0.5 h	< 0.5 h	< 0.5 h	< 0.5 h
<b>Base temperature (expected)</b>	< 3.0 K (2.8 K)	< 150 mK (100 mK)	< 100 mK (90 mK)		< 50 mK (40 mK)
<b>Continuous operation (expected)</b>	< 3.0 K (2.8 K)	< 3.0 K (2.8 K)	< 200 mK (150 mK)		< 150 mK (100 mK)
<b>Hold time at base (expected)</b>	continuous	> 3 h (4 h)	> 5 h (6 h)		> 3 h (4 h)
<b>Sample Space</b>					
Diameter	55 mm	36 mm	36 mm	55 mm	55 mm
Height	100 mm	100 mm	100 mm	100 mm	100 mm
<b>DC wiring (twisted-pair lines)</b>	48	36	36	48	48
<b>RF wiring (&lt; 18 GHz)</b>	up to 12	0	0	up to 12	up to 12

Specifications are guaranteed with wiring, standard options, and integrations.