

**Specifications**

**LP 100**

**Sample Space Dimensions**

Standard cold plate

Ø31mm

Standard chamber height

65mm

**Thermal Performance**

Base Temperature

< 3.1K

Engineered Cooling Power

150mW @ 5K

**Vibration Performance**

Cold plate vibrations (P-P)

<10nm

Mechanical energy of the cold head and pumps are dispersed into the floor and does not pollute the on-table hardware

**Ultra-High Vacuum Performance**

Typical vacuum

<1E-8 Torr

Vacuum inside 4K shield

<1E-11 Torr

**System Control**

Temperature control channels

6

Remote scripting

Yes

**Interfacing**

Configurable side panels

2

Standard User Electrical Connections

24 DC