

L300T-20

low temp system

system components Chuck L300T Controller L300T Cooling Unit L20	-20°C to +200°C	
system specifications		
function principle	Liquid / Heater	
Temperature Range	-20°C to +200°C	
Temperature Stability/Accuracy	±0,1°C/±0,5°C	
Heating Rates	+25°C to +200°C	< 15 min
	-20°C to +25°C	< 5 min
Cooling Rates	+25°C to -20°C	< 20 min
	+200°C to +25°C	< 15 min
Temperature Uniformity	-20°C to +200°C	<±0.5K/0.5%
Flatness / Parallelism	-20°C to +200°C	<±5µm
Isolation	>2 TOHM	at 25°C
Capacitance	1600pF	Standard
	200pF	Triax
Max. Voltage	500V	at Chucktop
Cooling Capacity	400W	at -10°C
Interface	RS232 to Prober	
Dimensions Chuck	Diameter	305mm
	Height	47mm
	Weight	18100g
Dimensions Controller	Prober Rack	11.0kg
Dimensions Cooling Unit	35cm x 60cm x 65cm	54kg
Air Supply	200l/min at 6bar Dewpoint < -40°C	oilfree
Power Supply Controller	100-127/208-240V 50/60Hz, AC	1500VA
Power Supply Cooling Unit	230V 50Hz/208V 60Hz AC	2650VA

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Chuck L300T



Controller L300T



Cooling Unit L20



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