

# L300T EX-20

## low temp system

<b>system components</b>	<b>-20°C to +200°C</b>	
<b>Chuck L300T EX</b> <b>Controller L300T EX</b> <b>Cooling Unit L20</b>		
<b>system specifications</b>		
<b>function principle</b>	<b>Liquid / Heater</b>	
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	< 14 min
Temperature Uniformity	-60°C to +200°C	<±0.5K/0.5%
Flatness / Parallelism	-60°C to +200°C	<±5µm
Cooling Capacity	400W	@-10°C
Isolation	>2 TOHM	at 25°C
Capacitance	1600pF	Standard
	200pF	Triax
Max. Voltage	500V	at Chucktop
Interface	RS232 to Prober	
Dimensions Chuck	Diameter	305mm
	Height	47mm
	Weight	18100g
Dimensions Controller	Prober Rack	11.5kg
Dimensions Cooling Unit	35cm x 60cm x 65cm	54kg
Air Supply	200l/min at 6bar	oilfree
	Dewpoint > -30°C	
Power Supply Controller	100-127/208-240V	1500VA
	50/60Hz, AC	
Power Supply Cooling Unit	230V 50Hz/208V 60Hz	2650VA
	AC	

## Advanced Temperature Test Systems GmbH

# low temp system

Chuck L300T EX



Controller L300T EX



Cooling Unit L20



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