

Model	AZTS100U-2T	AZTS150U-2T	AZTS200U-2T	AZTS300U-2T	AZTS500U-2T	AZTS1000U-2T	
Power Supply	AC 380V 50HZ 3 phase+N+PE						
Maximum Current (A)	40	50	60	70	90	100	
Maximum Power (KW)	20	25	29	35	45	55	
Operation Environment	+15~+35°C/≤85%RH						
Type	Two Zone						
Basket moving mechanism	Pneumatic						
Basket moving direction	Vertical direction			Horizontal direction			
Maximum Basket Load	16kg	20kg	30kg	35kg	100kg	130kg	
Basket Transfer Time	<10S						
Performance*1	Temperature Range	Cold Zone: -70°C~-10°C, Hot Zone: Amb+20°C~+180°C					
	Temperature Fluctuation	Hot Zone: ±1% of set point or ±1°C, whichever is greater; Cold Zone: ±1°C;					
	Temperature Deviation	±2°C					
	Test condition with load for 2 minutes recovery time	-55°C/+125°C with 2.5kg Fe	-55°C/+125°C with 5kg Fe	-55°C/+125°C with 10kg Fe	-55°C/+125°C with 15kg Fe	-55°C/+125°C with 25kg Fe	-55°C/+125°C with 50kg Fe
	Test condition with load for 5 minutes recovery time	-65°C/+150°C with 0.5kg Fe	-65°C/+150°C with 2.5kg Fe	-65°C/+150°C with 4kg Fe	-65°C/+150°C with 7kg Fe	-65°C/+150°C with 13kg Fe	-65°C/+150°C with 30kg Fe
Inspection Window	Multilayer glasses with conducting film heating, size 310mmx240mmx1	Multilayer glasses with conducting film heating, size 470mmx320mmx1					
Controller System	AZ-1000 controller integrated with Siemens S7 PLC						
Temperature Control Mode	Independent PID regulation of consecutive cooling and heating capacity						
Condenser	Air-cooled condenser	Air-cooled condenser	Water-cooled condenser	Water-cooled condenser	Water-cooled condenser	Water-cooled condenser	
Basket Volume (L)	100	150	200	300	500	1000	
Basket Size	W(mm)	510	510	620	700	750	1000
	D(mm)	400	580	660	700	750	800
	H(mm)	500	500	500	600	900	1200
Interior Capacity (L)	125	282	412	666	1164	2021	
Interior Size	W(mm)	570	680	750	870	880	980
	D(mm)	560	620	820	900	1150	1250
	H(mm)	570	670	670	850	1150	1650
Exterior Size	W(mm)	870	980	1050	1200	3050	3400
	D(mm)	2300	2400	2600	2850	1790	2000
	H(mm)	2520 (1950)	2720 (2100)	2720 (2100)	3200 (2500)	1900	2400
Standard Configuration	<ul style="list-style-type: none"> <li>• Castors (AZTS100U-2T, AZTS150U-2T, AZTS200U-2T, AZTS300U-2T)</li> <li>• Lighting</li> <li>• Inspection window of hot zone</li> <li>• USB interface and history data review and converting software</li> <li>• Cable port with silicon plug Φ23mm</li> <li>• One shelf</li> </ul>						
	<ul style="list-style-type: none"> <li>○ Inspection window of cold zone</li> <li>○ Water cooled condenser (AZTS100U-2T, AZTS150U-2T)</li> <li>○ Exterior socket 220V 10A</li> <li>○ LAN interface and remote control software</li> <li>○ Digital alarm input channels x 4</li> <li>○ Auxiliary relay digital output channels x 4 (for specimens)</li> <li>○ Switching the test zone according to the test specimen surface temperature</li> <li>○ Additional analog sampling channels x 4, sampling data can be reviewed and recorded (Option: PT100/T thermocouple/4~20mA/0~10V/-10V~10V)</li> <li>○ Additional analog sampling channels x 8, sampling data can be reviewed and recorded (Option: PT100/T thermocouple/4~20mA/0~10V/-10V~10V)</li> <li>○ Analog output channels x 3 (Setting high temperature/Setting low temperature/Measured temperature)</li> <li>○ Compressed dry air purging system</li> <li>○ Basket driven by electrical motor</li> </ul>						
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*1: All the above specifications are measured at +25°C room temperature and the sensors are installed at blow-out of air conditioning unit;							