



#### Source Industrial Supply

Phone: +1-505-550-6501 and +1-505-565-5102 Fax: +1-505-814-5778 Email: info@sourceindustrialsupply.com, Web: http://www.sourceindustrialsupply.com

# Rapid-rate Temp. Change Chamber BTC

#### **Features**

13

- Wide selection of temperature rate of change between linear speed 5 C/min to 15 C/min and average speed 5 C/min to 25 C/min.
- Meet international environmental test standards like IEC,GB...,
- Controllable temp ramp function, such as technology to ensure uniformity of airflow speed to minimize specimen temperature, and increase refrigeration capacity at low temperatures
- Comprehensive safety system to ensure secured use in operating the equipment
- Interactive LCD Color touch screen system with multiple language selection



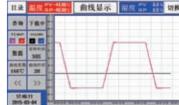
# Rapid-rate Temp. Change Chamber BTC

# **Thermal Cycling Series**

#### Model Name







Program setting

Sample test profile

### • Specification & technical data

Model		BTC-180	BTC-408	BTC-1000
Capacity(Liters)		180	408	1000
Interior dimensions	W(mm)	600	600	1000
	D(mm)	500	800	1000
	H(mm)	600	850	1000
Max current(A)		20-30A	30-40A	60-80A
Max Power(KW)		15-19KW	21-27KW	30-40KW
Operating Environment		5 ~ +35 ℃ /≤ 85%RH		
Control system		P.I.D.+BTHC		
Power source		AC 380V 50HZ, 3ψ+N+PE		
Performance *3	Temp. range	-70 ℃~+150 ℃		
	Humidity range	15–85 ℃ 20% ~ 98%RH		
	Temp. Constancy	≤±0.5 °C		
	Temp Uniformity	≤ 2 °C (-40 ~ 100 °C)		
	Temp deviation	≤±2 °C		
	Humidity deviation	≤±3%RH		
	Heat up time*2	10 ℃ /min , 15 ℃ /min	10 °C /min , 15 °C /min	10 ℃ /min , 15 ℃ /min
	Pull down time*2	10 °C /min ,15 °C/min	10 °C /min ,15 °C/min	10 °C /min , 15 °C /min
View window		Multilayer toughed glass view windows with built-in heaters		
Controller		5.7" /7"IPC based LCD Touch panel with English language		
Cooling mode		Water-cooled condenser		
Humidification water supply		Manual adding water is standard feature		
		Automatic water supply with RO water purifier & recoverable supply system are optional		
Standard features		Caster wheel*4		
		Cable port Φ50mmx1 /Φ100mmx1with silicone stopper		
		Interior lighting		
		Sample holders*2pcs		
		water-cooled		
		USB interface /RS485 or RS232		
Options		Additonal sample holders		
		Recorder		
		Sample temperature monitoring device		

<sup>\*1 :</sup> Humidity control is an option .

Note: 1.We reserve the right to change specifications without prior notice 2. Customized sizes and configurations available.



<sup>\*2:</sup> Average temp change rate between highest and lowest temperature without any load and heat dissipation, refer to IEC60068-3-5.

<sup>\*3:</sup> Performance is measured in the ambient temperature of + 25 C and sensors are placed at the outlet of air conditioning unit;