

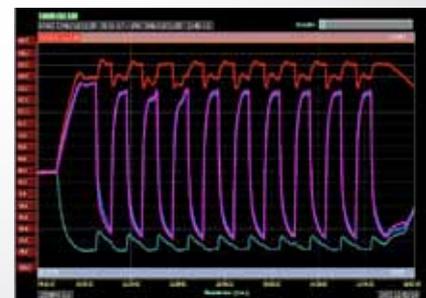


2 Zone Thermal Shock Chamber

Bucket Moving Type

Description

- With our advanced design of the thermal shock chamber, customer can enjoy a user friendly LCD touch screen controller to control the hot and cold zone temperature.
- Our standard temperature range cover from -70C to +200C. With LN2 the lowest temperature can be -160C.
- Bucket dimension is 30 x 30cm up to 80 x 80cm is available. Maximum bucket height is 50cm.
- Meet MIL-STD 883E condition C standard



Model		CT-27M2	CT-125M2	CT-320M2	
Performance	Hot Zone	Temperature Range	60 to 200C		
		Temp. Rise Time	from 20 to 200C about 40min		
	Cold Zone	Temperature Range	0 to -70C		
		Temp. Fall Time	20 to -70C about 30mins		
	Basket	Basket Size (HxWxD)	30x30x30cm	50x50x50cm	50x80x80cm
		Temperature Range	-65 to 180C		
		Temp. Fluctuation	+/-1C		
Basket Transfer Time		<10S			
Temperature Recovery Time		<15mins (with faster recovery time as option)			
Material	Frame	All 304 S.S. (both interior and exterior)			
Refrigeration	Insulation Material	Polyurethane foam and ultra-fine glass wool			
	Cooling Mode	Two stage water cooling compressor unit			
	Compressor	Bitzer			
Heater		Nicket-chromium alloy heating wire			
Blower		Long axis centrifugal fan			
Temperature Sensor		PT100			
Controller		LCD touch screen			
Computer Interface		RS232			
Power Supply		3 Phase 380Vac or 415Vac			

Noted: * High temperature can extend to 300C as option.

For Welltech CT-M Bucket Moving Type Thermal shock, we use all stainless steel deign for both interior and exterior. A wiring is mounting on top of the bucket to moving the bucket up and down. Maximum weight of the sample is 50kg.

Specification

- Controller: LCD Touch Screen controller
- Control: PLC Control with air cool (water cool as option)
- Error history record
- Auto-door lock
- Sample mounting rack
- Safety: Over temperature protection, MCB protection , overload protection for compressor, Dry heat protection

