



TORONTECH



2-ZONE THERMAL SHOCK CHAMBER

Torontech's 2-zone thermal shock chambers are designed to simulate rapid temperature transitions between two distinct zones: hot and cold. This configuration enables precise thermal cycling tests, where samples are quickly transferred from one zone to the other to evaluate their resistance to extreme temperature shifts.

These chambers are ideal for industries like electronics, automotive, and aerospace, where components are often subjected to harsh environments. With fast temperature recovery, reliable performance, and user-friendly controls, Torontech's 2-zone thermal shock chambers help ensure your products meet the highest durability and quality standards.

APPLICATIONS

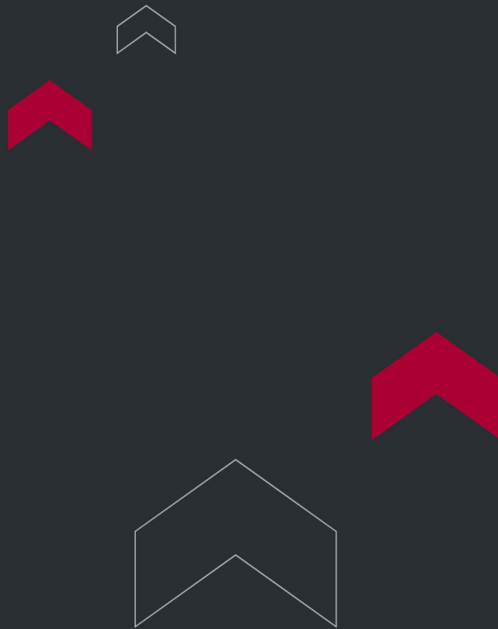
Standards

- 1. JEDEC JESD22-A104E
- 2. MIL-STD-883H
- 3. IEC 60068-2-14
- 4. SAE J1211

TECHNICAL SPECIFICATIONS

Model		ToronTSC-70A/B/D	ToronTSC-100A/B/D	ToronTSC-150A/B/D	ToronTSC-300A/B/D	ToronTSC-500A/B/D
Basket Dimensions (cm)	W	50	50	67	85	90
	H	35	40	46	55	70
	D	40	50	49	64	80

Model		ToronTSC-70A/B/D	ToronTSC-100A/B/D	ToronTSC-150A/B/D	ToronTSC-300A/B/D	ToronTSC-500A/B/D
External Dimensions (cm)	W	150	95	152	194	202.5
	H	197	204	194	226	268.5
	D	190	203	253	273.5	274
Hot Zone	Temperature Range	+60°C~+200°C				
	Heating Time	RT~+200°C: about 30 min				
Cold Zone	Temperature Range	A: 0~-40°C, B: 0~-55°C, D: 0~-65°C				
	Cooling Time	RT~-70°C: about 60 min				
Basket	Thermal Shock Range	A: -40°C~+150°C, B: -55°C~+150°C, D: -65°C~+150°C				
	Temperature Uniformity	≤ ±2.0°C				
	Temperature Fluctuation	≤ ±0.5°C				
	Temperature Deviation	±2.0°C				
	Transfer Time	≤10s				
	Recovery Time	≤5 min				
Power		380V AC				



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

