



# RICHTER

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## THERMAL SHOCK



## RICHTER Thermal Shock

The extreme simulation of temperature is conducted in two zones of hot and cold that can be controlled independently and an optional third zone. The single basket product carrier moves vertically, from one zone to the other, subjecting the product to dramatic changes in temperature thus creating a temperature shock thereby detecting specimen flaws.

### Features

- Vertical movement of basket with separate hot and cold temperature zones.
- The Basket transition is done through a Robust Electro-pneumatic Method.
- Mono-block design with integrated Non-CFC cascade refrigeration system.
- DIGI-TOUCH - Color Touch Screen Control
- Castor wheels for easy movement of the chamber.

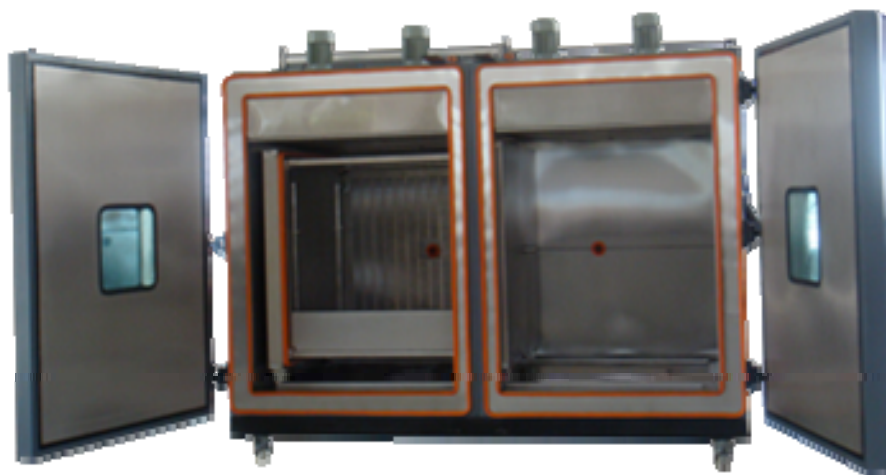


# RICHTER Thermal Shock

## Models Available

Models	RI-25-B2V	RI-64-B2V	RI-120-B2V
<b>Basket/Test Space Dimensions (W X D x H)</b>	25L 250 x 250 x 400mm 0.86 cu. ft. (9.84" x 9.84" x 15.75")	64L 400 x 400 x 400mm 2.37cu/ft (15.75" x 15.75" x 15.75")	121L 550 x 550 x 400mm 4.48cu/ft (21.65" x 21.65" x 15.75" )
<b>Zone1 Temperature</b>	60°C to 200°C (140°F to 392°F)		
<b>Zone2 Temperature</b>	0°C to -75°C (32°F to -103°F)	0°C to -75°C (32°F to -103°F)	0°C to -75°C (32°F to -103°F)
<b>Basket Transition Time</b>	5 to 30 seconds		
<b>Basket Movement</b>	VERTICAL		

## HORIZONTAL - THERMAL SHOCK CHAMBERS FROM NAE





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## Tomorrows Environmental Solution Today

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