



Physical Test Solutions

Innovative Solutions in Material Test Equipment

Environmental Chambers and Furnaces for Universal Testing Machines

The **Physical Test Solutions (PTS)** series of environmental chambers and furnaces are specially used for universal testing machines. The chambers can be adapted to operate on the corresponding load frame and can be equipped with an optional cart to move the chamber to and from the load frame.

The chamber consists of chamber body, controller, high & low temperature grips and moving chart. The temperature can be controlled automatically by a high accuracy PID Controller, and has the capability to communicate with a computer.

PTS environmental chambers and furnaces are manufactured in an ISO 9001 certified facility, and comply with ASTM, ISO, EN and all relevant international standards.

Main Features

- ⊙ Low temperature cooling achieved by liquid Nitrogen.
High temperature section is heated by resistance wire.
- ⊙ The temperature control adopts the advanced fuzzy control mode, and the temperature is maintained stable with no overshoot and minor fluctuation.
- ⊙ Equipped with pull rods.

Environmental Chamber Specifications

Model	Specifications	
EC-450	Temp. Range	-70-300
	Temp. Fluctuation	±2
	Temp. Grads	3
	Effective space	300×270×450
	External dimensions	460 ×430×610
EC-600	Temp. Range	-70-300
	Temp. Fluctuation	±2
	Temp. Grads	3
	Effective space	400×400×600
	External dimensions	560×560×760
EC-700	Temp. Range	Room temp.-200
	Temp. Fluctuation	±2
	Temp. Grads	3
	Effective space	450×450×700
	External dimensions	610 ×610×860



Sales Offices

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