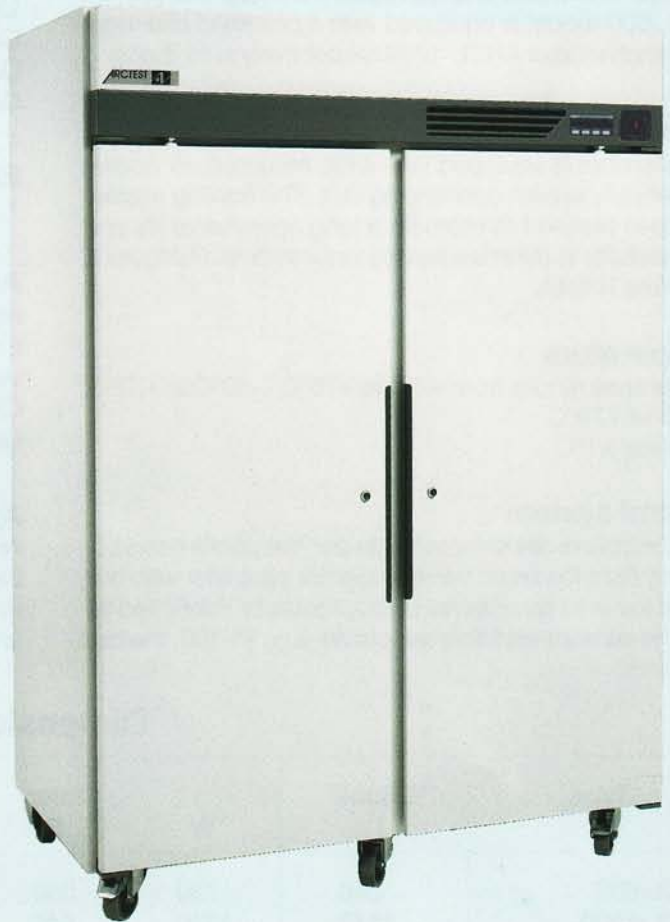
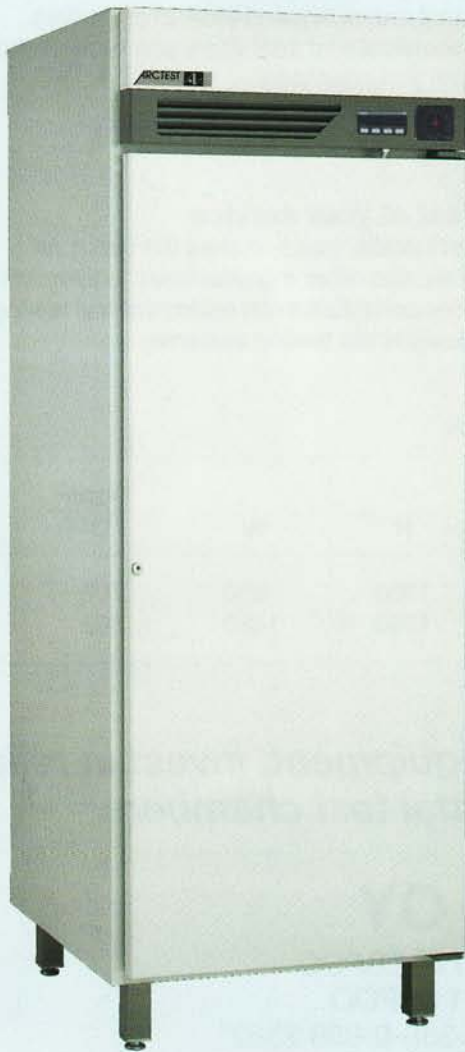




ARCTEST 

COLD-HEAT TEST CHAMBERS



ARCTEST Cold-Heat Test Chambers

Arctest presents a new range of cold heat test chambers. The new ARCL chambers offer an economical alternative to the most diverse product testing in which the main factor is the temperature range from -30°C to $+70^{\circ}\text{C}$.

The chamber construction and basic structure have been designed to fulfil all the test demands put upon cold heat testing. We recommend the ARC series chambers for the most accurate humidity tests and also tests meant for the lowest and highest temperatures ranges.

In addition to standard products, Arctest will manufacture customer-tailored equipment solving your environmental test problems in the best possible way.

Construction

The interior is made of stainless steel (AISI 304). The exterior is power-stoved galvanized steel. Alternatively also stainless steel is available. The insulation is CFC-free polyurethane, thickness 60 mm. The door is lockable and equipped with magnetic gasket. ARCL-600 model is equipped with 4 pcs solid stainless steel shelves and ARCL-1200 respectively with 8 pcs.

Refrigeration

The chamber is equipped with a top mounted, air cooled hermetically sealed condensing unit. The cooling system has been planned to promote a long operational life and high reliability to minimize service requirements. Refrigerant, CFC-free R404A.

Temperature

Temperature ranges from $+2^{\circ}\text{C}$ to $+70^{\circ}\text{C}$, -10°C to $+70^{\circ}\text{C}$, -30°C to $+70^{\circ}\text{C}$
Accuracy $\pm 1^{\circ}\text{C}$

Control system

The controllers are selectable as per the user's needs, starting from the basic microprocessor controller with one preset value to an optional microprocessor controlled by PC. The sensors are freely selectable, e.g., Pt-100, thermal elements.

Safety devices

The chamber is equipped with a safety thermostat which is preset at approx. $+10^{\circ}\text{C}$ above the maximum temperature inside the chamber.

Optional accessories

Cable ports $\varnothing 35$ mm, $\varnothing 50$ mm, $\varnothing 100$ mm
Observation window
Castors

Electrical

1, 240V, 50 Hz, 10A

Arctest products

Heat test chambers and walk-in chambers
Environmental test chambers and walk-in chambers
Vacuum test chambers
Circuit board drying cabinets
Custom design products

Arctest at your service

Arctest installs, trains, makes the test runs
Services also other manufactures' equipment
Provides consultation on environmental testing problems and designs the testing systems.

Dimensions

Type	Volume l	Inner			Outer		
		W	D	H	W	D	H
ARCL-600	550	730	550	1360	850	700	2150
ARCL-1200	1170	1340	640	1360	1460	800	2150

***When investing in environmental test equipment, invest in reliability.
Invest in Arctest environmental test chambers.***

ARCTEST OY

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