

Model T-Cryo™

The T-CAT7-IS puts the convenience of automatic filling in a size and price range for every laboratory. The T-CAT7-IS features the iSentry LN₂ controller and alarm system providing LN₂ level control and audible/visual alarms with remote contacts. The T-CAT7-IS has also been specifically engineered to provide cryogenic vapor temperatures throughout the tank well below the critical -135°C range. With as little as five inches of liquid, vapor temperatures of -185°C or lower can be maintained on the highest shelf.

The unique fiberglass restricted-opening neck design reduces LN₂ consumption rates far below other auto-filling units. Under laboratory testing providing one opening, per day, the T-CAT7-IS operated and maintained “cryogenic temperatures” for over a month on one 180-liter LN₂ supply tank, competitive units can consume three or four supply tanks per month.

Package systems are available with CryoGloves, and either polycarbonate or fiberboard inventory boxes.



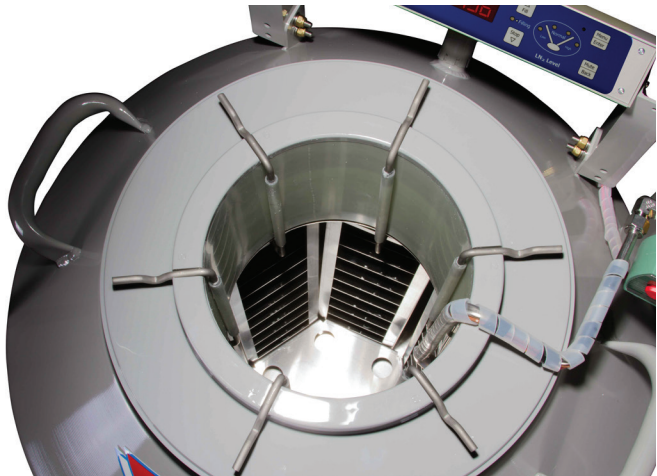
- Three-year warranty on all parts and labor
- Five-year warranty on vacuum

Features:

- iSentry Controller
- UL-Listed Transformer
- Stainless steel armor-plated transfer hose
- Stainless steel hanging racks including Max Rack™
- State of the art hanging rack design
- Cast aluminum roller base
- Lid with locking provision & protective boot
- Fiberglass restricted opening neck design

Model	T-CAT7-IS
Total Vial Capacity (2 ml Vial Not Included)	7000
Total Box Capacity (Not Included)	70
Rack Capacity (Includes Max Rack™)	7
Boxes Per Rack	10
LN ₂ Capacity (Liters)	165
Static Evaporation Rate* (Liters/Day)	0.84
Static Holding Time* (Days)	194
Neck Diameter (in/mm)	8.5/215.9
Overall Height (in/mm)	39/990.6
Exterior Diameter (in/mm)	26.9/683.3
Weight Empty (lbs/kg)	121/54.9
Weight Full (lbs/kg)	410/185.9
Power Requirement	24 VAC

*Static Evaporation Rate and Static Holding Time are nominal. Actual rate may be affected by the nature of the contents, atmospheric conditions, container history and manufacturing tolerances.



T Cat 7 Rack Arrangement (Max Rack™ not shown)

Optional Accessories:

- CryoGloves
- Apron
- Face Shield
- LN₂ Measuring Rod
- T-Piece Connector
- Tongs
- Fiberboard Boxes (81, 100 cell, or custom)
- Polycarbonate Boxes (81, or 100 cell)

Package Systems:

Model: T-CAT7-IS CS

Includes:

Tank, Roller base, iSentry Controller, Stainless Steel Rack Inventory System, Fiberboard Boxes (81, 100 cell, or custom), Transfer Hose, Cryogloves and LN₂ Measuring Rod

Model: T-CAT7-IS PS

Includes:

Tank, Roller base, iSentry Controller, Stainless Steel Rack Inventory System, Polycarbonate Boxes (81, or 100 cell), Transfer Hose, Cryogloves and LN₂ Measuring Rod

iSentry Liquid Nitrogen Controller and Alarm



T-Cat 7-IS



T-Cat 7-IS PS