

Technical datasheet

Controlled-Temperature Seed Storage Cabinet Series

Cabinets for seed storage studies with controlled temperature and 20-60% RH humidity. Operating temperature depends on whether humidity control is active.



Representative exterior view. Cabinet size, controls and shelf arrangement vary by model.

Key features

LCD temperature, humidity and time controls

30 segments and 99 program cycles

Mechanical lock and two side test ports

Standard Configuration

Stainless steel chamber, adjustable shelves, LCD controller, variable-speed refrigeration, circulation fan, heated humidification system with external water tank, mechanical door lock, two 30 mm side test ports, overtemperature alarm and power-restoration memory.

Optional Accessories

Confirm additional shelves, electrical supply and the final configuration in the quotation. No lighting, UV lamp, audit-trail or software package is listed as supplied.

Technical Information

Parameter	Value
Temperature resolution	0.1 °C
Program capacity	30 segments / 99 cycles
Timer range	0-9999 min

Model	Without humidity control (°C)	With humidity control (°C)	Humidity range (% RH)
PT-PGC-039	4-60	10-60	20-60
PT-PGC-040	4-60	10-60	20-60
PT-PGC-041	4-60	10-60	20-60

Technical Information

Model	Temperature fluctuation	Temperature uniformity	Humidity fluctuation
PT-PGC-039	±0.5 °C heating / ±0.7 °C cooling	±1 °C (25 °C)	±3-7%
PT-PGC-040	±0.5 °C heating / ±0.7 °C cooling	±1 °C (25 °C)	±3-7%
PT-PGC-041	±0.5 °C heating / ±0.7 °C cooling	±1 °C (25 °C)	±3-7%

Model	Input power (W)	Supplied shelves
PT-PGC-039	1300	3
PT-PGC-040	1400	4
PT-PGC-041	1750	4

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-PGC-039	510 × 390 × 760	650 × 680 × 1400
PT-PGC-040	510 × 450 × 1100	650 × 740 × 1726
PT-PGC-041	600 × 640 × 1050	745 × 930 × 1695

Selection / Ordering Information

Specify the model, sample or application, working temperature and required shelf arrangement. Confirm electrical supply and the final configuration before ordering.