

Thermo Scientific BK 6160 Testing Chamber

Ideal for packaging and shelf-life testing



- Unique heating and cooling system includes a thermal jacket to ensure uniform temperature in the interior chamber
- Heating and cooling systems are located outside and below the chamber, where air is mixed and transported to the thermal jacket
- Unlike conventional incubators, the BK 6160 testing chamber is designed to prevent dehumidification, achieving up to 90% relative humidity with the addition of an internal water pan
- Programmable temperature controllers allow exact temperature settings and timing of temperature cycles, even light cycles to simulate day and night

Ordering Alerts: Not available in North America
Warranty¹: 2 years (parts and labor)
Certifications: CE

Model	Features	Cat. No.
BK 6160 Kelvitron® K	Microprocessor controller	51007617
BK 6160 Kelvitron® KP	Microprocessor controller for programming of temperature profiles	51008404
BK 6160 Kelvitron® KL	Microprocessor controller for day/night simulation	51008667

Specifications

Temperature	Range	0 – 50°C
	Deviation, temporal	± 0.1°C
	Deviation, spatial	± 0.8°C
	Relative humidity at T = 5 °C	> 75%
	at T = 37 °C	> 90%
Volume		166L
Number of Shelves		2 supplied, max. 7
External (W x H x D)		744 x 920 x 725 mm / 29.3 x 36.2 x 28.5 in.
Internal (W x H x D)		607 x 470 x 585 mm/ 23.9 x 18.5 x 23.0 in.
Electrical Data		
Electrical Data	Air circulation rate (fan option)	150/h
	Voltage¹/Frequency	230V, 50Hz
	Rated power	1.0kw
	Power consumption	0.5 kWh/h
	Excluding lighting	100 kg (222.5 lb.)
	Including lighting	120 kg (264.6 lb.)
Refrigerant: Type/Capacity		R134a/220g
Lighting²	Lamps/Intensity/Output	4 lamps/4000 lux/70w
	Color rendering	Daylight in acc. with DIN 5035

¹ Other voltages on request

² Included in model Kelvitron KL

Options & Accessories

Options	Cat. No.
Internal fan for air circulation	51900146
RS 232 interface incl. Kelvilog® documentation software	51900283
Connection for central monitoring	51900083
Temperature limit controller class 3.3 (DIN 12880) for over/undertemperature protection	51900084

Accessories	Cat. No.
Manufacturer's calibration certificate	50044444
Access port, 19mm/0.7in.	50029825
Pt 100 sensor for temperature recording (requires access port)	50034314
Additional stainless steel shelf	50029945