Thermo Scientific Heraeus BK 800 Refrigerated Incubator and BK 6160 Testing Chamber

Designed to deliver maximum performance and dependable sample protection

*Every unit is **quality built and tested** to deliver a **lifetime of dependable performance** –*

Precise, Reliable Results

Our refrigerated incubators and testing chambers provide a homogeneous, stable environment for your samples. Superior temperature uniformity ensures that your results are fully reproducible, yielding high quality results time after time.

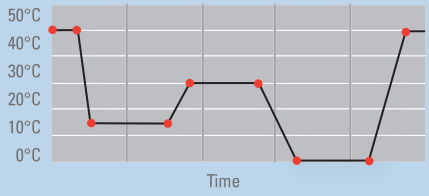
Safe Operation

Each unit offers numerous safety features that protect not only you and your samples, but the environment and the equipment as well.

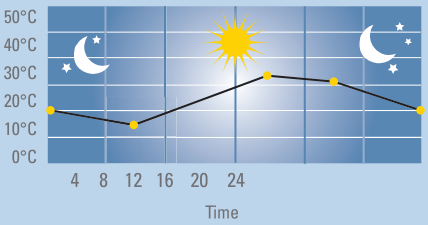
Maximum Hygiene

Unit interiors are easy to clean and disinfect, minimizing the potential for contamination of samples. Shelves and supports can be easily removed without the need for tools.

Kelvitron KP temperature profile

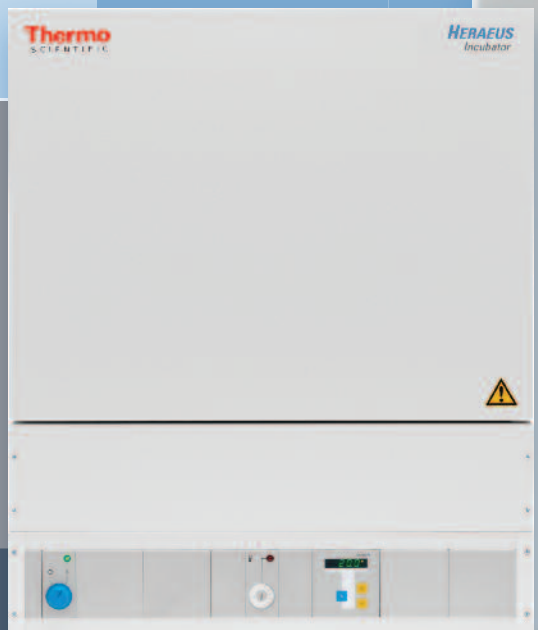


Kelvitron KL day/night simulation



BK 800

BK 6160



Choice of three temperature controllers for the BK 6160 testing chamber:

- Kelvitron K: 0°- 50°C
- Kelvitron KP: 0°- 50°C with programmable temperature control
- Kelvitron KL: 0 - 50°C with programmable temperature control functionality plus day/night simulation control

For more than 80 years, customers have depended on Thermo Scientific incubators to meet all of their application needs. During that time, we have worked closely with users worldwide to understand their requirements to design products that assure their success.

Thermo Scientific Heraeus BK 800 Refrigerated Incubator

The Heraeus® BK 800 refrigerated incubator features a compact footprint, temperature range of 3° to 40°C, and a large 220 L capacity. Ideal for incubation and storage at or below ambient temperature, it is the unit of choice for sample and chemical storage, microbiological sample testing, water pollution testing, and biochemical oxygen demand protocols.

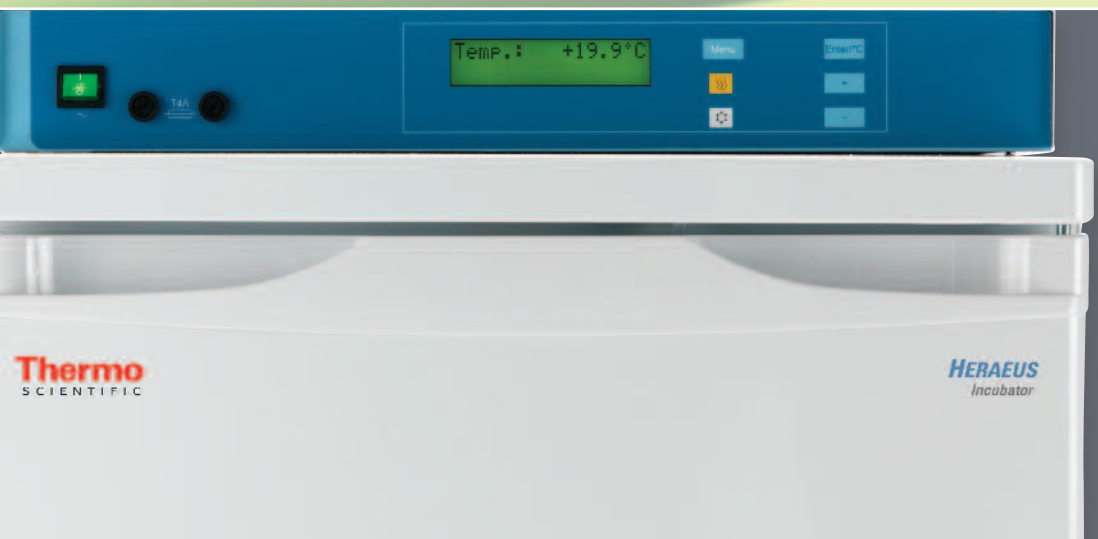
The BK 800 refrigerated incubator is well suited for determination of food expiration date and shelf-life testing of food and cosmetics.

Model shown:
BK 800 refrigerated incubator with Thermo Scientific Variomag magnetic stirrer and cell culture equipment

BK 800

The BK 800 refrigerated incubator is:

- **Energy efficient:** BK 800 refrigerated incubators achieve best energy efficiency ratings, which translate into lower operating costs
- **Easy to clean:** impact-proof interior with rounded edges make it easy to clean, protecting samples against contamination
- **Fully configurable:** internal sockets accommodate stirrers and other equipment inside that can be time-controlled for defined cycles



Simple to set up and operate:
The *BK 800 refrigerated incubater features an easy-to-use soft touch control panel, and built in rear wheels for convenient set up and positioning within the lab*

Thermo Scientific Heraeus BK 6160 Testing Chamber

BK 6160

The Heraeus® BK 6160 testing chamber is ideal for packaging and shelf-life testing. Its unique heating and cooling system includes a thermal jacket to ensure uniform temperature within the interior chamber. Heating and cooling systems are located outside and below the chamber, where air is mixed and transported to the thermal jacket.

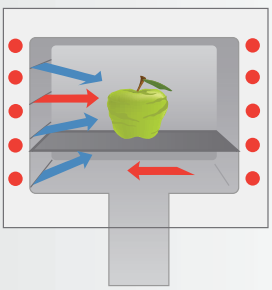
Unlike conventional incubators, the BK 6160 testing chamber is designed to prevent de-humidification, achieving up to 90% relative humidity with the addition of an internal water pan.

Our programmable temperature controllers allow exact temperature settings and timing of temperature cycles, even light cycles to simulate day and night.

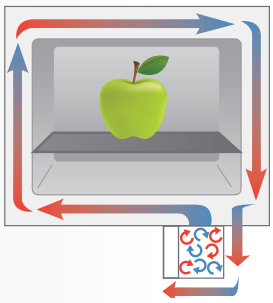
The BK 6160 offers:

- Large 166 L capacity provides high testing efficiency
- Temperature range of 0° to 50°C for a wide range of testing chamber trials
- Programmable temperature controllers allow many environmental simulations
- Seamless steel interiors with rounded corners for easy cleaning
- De-humidification prevention avoids sample searing

The BK 6160 is the perfect unit for pharmaceutical stability tests and testing of electronic parts or samples which require temperature cycles.



During conventional refrigeration moisture is removed from the sample.



Heraeus BK 6160 –The thermal jacket prevents sample de-humidification.

Thermo Scientific Heraeus BK 800

Technical Specifications and Ordering Information

Models			Order No.
Heraeus refrigerated incubator BK 800			50120350
Temperature	**Unit**		
Range	°C	3 – 40	
Deviation, temporal	°C	± 1	
Deviation, spatial	°C	± 1	
Cooling time (25 to 5 °C)	min	56	
Volume	L	approx. 220	
Number of Shelves	no.	3 supplied, max 14	
Dimensions			
Shelves (W x D)	mm / inch	446 x 310 / 17.6 x 12.2	
Internal (W x H x D)	mm / inch	467 x 1260 x 435 / 18.4 x 49.6 x 17.1	
External (W x H x D)	mm / inch	560 x 1480 x 570 / 21.3 x 58.3 x 22.4	
Electrical Data			
Rated power	W	200	
Rated voltage/frequency	V/Hz	230/50	
Weight	Kg/lbs	52/115	
Air circulation		fan in ceiling of work chamber	
Sockets (in the work chamber)		2	
Time control (on/off)	no.	1 – 9999 (= 1 min. – 7 days)	
Refrigerant			
Type/Capacity	-/g	R600a/20	

Ordering Information Accessories BK 800

Accessories	
Additional shelf	50120762

Thermo Scientific Heraeus BK 6160

Technical Specifications and Ordering Information

Type	Features	Order No.
Heraeus testing chamber Heraeus BK 6160 Kelvitron® K	Microprocessor controller	51007617
Heraeus BK 6160 Kelvitron® KP	Microprocessor controller for programming of temperature profiles	51008404
Heraeus BK 6160 Kelvitron® KL	Microprocessor controller for day/night simulation	51008667

Temperature	**Unit**	
Range	°C	0 – 50
Deviation, temporal	°C	± 0.1
Deviation, spatial	°C	± 0.8
Relative humidity at T = 5 °C	%	> 75
at T = 37 °C	%	> 90
Volume	L	166
Number of Shelves	no.	2 supplied, max. 7
Dimensions		
External (W x H x D)	mm / inch	744 x 920 x 725 / 29.3 x 36.2 x 28.5
Internal (W x H x D)	mm / inch	607 x 470 x 585 / 23.9 x 18.5 x 23.0
Dimensions (W x D)	mm / inch	560 x 500 / 22 x 19.7
Distance, minimum	mm / inch	40 / 1.6
Electrical Data		
Air circulation rate (fan option)	l/h	150
voltage[1]/ Frequency V~;	V/Hz	230/50
Rated power	kw	1.0
Power consumption	kWh/h	0.5
Access port diameter	mm / inch	19 / 0.7
Weight		
Excluding lighting	kg / lbs	100 / 222.5
Including lighting	kg / lbs	120 / 264.6
Refrigerant		
Type/Capacity	-/g	R134a/220
Lighting[2]		
Intensity	lux	4000
Lamps	no.	4
Colour rendering	Daylight in acc. with DIN 5035	
Output	W	70

1) Other voltages on request 2) Supplementary equipment

Ordering Information Options and Accessories BK 6160

Options	Order 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	
Manufacturer's calibration certificate	50044444
Access port	50029825
Pt 100 sensor for temperature recording (requires access port)	50034314
Additional stainless steel shelf	50029945

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