



## Boekel Bench-Top Coolers/ Heaters



Boekel Scientific offers a complete line of bench-top coolers/heaters for protocols for both heating and cooling of samples. They can be used for warming and defrosting or cooling of cell lines in vials or tubes or for cooling and heating of blood samples. Boekel Bench-Top Coolers/Heaters all feature an LCD temperature display that is easily seen throughout the lab and Peltier effect heat pumps that do not use compressors or CFC's. In addition, all Boekel Coolers/Heaters come with a two-year warranty for parts and labor.

## Tropicooler

Models 260014 & 260014-2

### FEATURES:

- Temperature range of -19°C to 69°C
- Maintains 14°C temperature used in ligation reactions or 17°C for storing oocytes
- "Press to Set" microprocessor controller
- Excellent alternative to messy ice buckets and water baths, which can be a source of contamination
- Useful for cooling blood samples prior to coagulation
- Suitable for warm incubation of microcentrifuge tubes for hybridization

### SUPPLIED WITH:

- Two aluminum block modules with block extractor; each with a capacity for 14 – 1.5 mL microcentrifuge tubes
- Flat plastic lid



*Tropicooler, Models 260014 & 260014-2*

### ACCESSORIES:

	Model
Block Module with block extractor: 7 – 0.5 mL and 7 – 1.5 mL microcentrifuge tubes	260055
Block Module with block extractor: 14 – 0.5 mL microcentrifuge tubes	260052
Domed plastic lid	B1702577

Tropicooler Specifications		Model 260014	Model 260014-2
Dimensions	in	9.75 x 11.75 x 7.25	
W x L x H	cm	24.8 x 28.6 x 18.4	
We II Dimensions – two wells	in	2.25 x 3.5 x 1.5	
W x L x H	cm	5.7 x 8.7 x 3.7	
Net Weight		13 lbs (5.9 kg)	
Shipping Weight		17 lbs (7.7 kg)	
Temperature Range		-19°C to + 69°C	
Accuracy		+/- 1°C of set point	
Electrical		115 VAC, 50/60 Hz, 100 W	230 VAC, 50/60 Hz, 100 W (CE)

# Minifridge II

Models 260009 and 260009-2

## FEATURES:

- Temperature range + 4°C to ambient
- Maintains 14 °C temperature used in ligation reactions or 17°C for storing oocytes
- “Press to Set” microprocessor controller
- Well is watertight; functions as a small refrigerated bath
- Accommodates small beakers, flasks or up to 3 standard microplates when stacked
- Excellent alternative to messy ice buckets and water baths, which can be a source of contamination
- Useful for cooling blood samples prior to coagulation

## SUPPLIED WITH:

- Domed plastic lid
- Block Extractor



Minifridge II, Models 260009 & 260009-2

## ACCESSORIES:

Block Modules (see below)

Minifridge II Specifications		Model 260009	Model 260009-2
Dimensions	in	9.75 x 11.75 x 7.25	
W x L x H	cm	24.8 x 28.6 x 18.4	
Well	in	6.25 x 3.75 x 2.25	
W x L x H	cm	15.4 x 9.7 x 5.7	
Net Weight		10 lbs (4.5 kg)	
Shipping Weight		14 lbs (6.7 kg)	
Number of Blocks Held		2	
Temperature Range		+4°C to ambient	
Accuracy		+/- 1°C of set point	
Electrical		115 VAC, 50/60 Hz, 100 W	230 VAC, 50/60 Hz, 100 W (CE)

## Test Tube Block Modules

	110006	110010	110013	110016	110020	110025	110035	110040	110045	110048
Dimensions	in					3 x 3.75 x 2				
W x L x H	cm					7.6 x 9.5 x 5.1				
Net Weight	1 lb (0.45 kg)									
Shipping Weight	2.25 lb (1.0 kg)									
Capacity	35 - 6 mm tubes	20 - 10 mm tubes	20 - 13 mm tubes	12 - 16 mm tubes	6 - 20 mm tubes	6 - 25 mm tubes	3 - 25 mm tubes; 5 - 13 mm tubes; 6 - 6 mm tubes	24 - 1.5 mL tubes	24 - 0.5 mL tubes	48 - 0.2 mL tubes

## Miscellaneous Block Modules

	110051	110096	110099	
Dimensions:	in	3.75 x 5.25 x 1.75	3.75 x 6 x 1	3 x 3.75 x 2
W x L x H	cm	9.5 x 14.3 x 4.4	9.6 x 15.3 x 2.5	7.6 x 9.5 x 5.1
Net Weight		2.25 lb (1.1 kg)	2.25 lb (1.1 kg)	1.25 lb (0.5 kg)
Shipping Weight		3 lb (1.4 kg)	3 lb (1.4 kg)	2 lb (0.9 kg)
Capacity		1 - 96 well microplate	1 - 96 well 0.2 mL microplate; 0.2 mL strips or 0.2 mL tubes	24 - 1.5 mL "Dolphin" tubes

## Microcooler II

Models 260010 and 260010-2

### FEATURES:

- Temperature range + 4°C to ambient
- Maintains 14°C temperature used in ligation reactions or 17°C for storing oocytes
- "Press to Set" microprocessor controller
- Well is watertight; functions as a small refrigerated bath
- Seamless aluminum pan holds 1.5 mL microcentrifuge rack
- Excellent alternative to messy ice buckets and water baths, which can be a source of contamination
- Useful for cooling blood samples prior to coagulation



*Microcooler II,  
Models 260010 and 260010-2*

### SUPPLIED WITH:

- Rack: 24 – 1.5 mL microcentrifuge tubes
- Flat plastic lid

### ACCESSORIES

Accessories	Model
Domed plastic lid	B1702577

## Polar Block II

Models 260013 and 260013-2

### FEATURES:

- Temperature range -15°C (typical) 35 -39°C below ambient
- Useful for DNA/RNA ethanol precipitations
- Intermediate term storage of restriction enzymes, and other labile reagents
- Active cooling eliminates need to leave samples on the bench too long in ethylene glycol filled freezer blocks



*Polar Block II,  
Models 260013 and 260013-2*

### SUPPLIED WITH:

- Block Module: 14 – 1.5 mL microcentrifuge tubes
- Flat plastic lid

### ACCESSORIES:

Accessories	Model
Block Module with block extractor: 7 – 0.5 mL and 7 – 1.5 mL microcentrifuge tubes	260055
Block Module with block extractor: 14 – 1.5 mL microcentrifuge tubes	260052

		260010	260010-2	260013	260013-2
Dimensions W x L x H	Overall	9.75 x 11.75 x 7.25		9.75 x 11.75 x 7.25	
		24.8 x 28.6 x 18.4		24.8 x 28.6 x 18.4	
Chamber	in	5.75 x 2.5 x 2.25		5.75 x 2.5 x 2.25	
	cm	14.3 x 5.7 x 5.7		14.3 x 5.7 x 5.7	
Net Weight		10 lb (4.5 kg)		10 lb (4.5 kg)	
Shipping Weight		14 lb (6.7 kg)		14 lb (6.7 kg)	
Capacity		1 Rack		1 Block Module	
Temperature Range		+4°C to Ambient		+/-15°C (typical) 35°C to 39°C below ambient	
Accuracy		+/- 1 °C from set point		+/- 1 °C from set point	
Electrical		115 VAC, 50/60 Hz, 100 W	230 VAC, 50/60 Hz, 100 W	115 VAC, 50/60 Hz, 100 W	230 VAC, 50/60 Hz, 100 W



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