

# Metals Digestions: 50mL Digestion Systems at a Glance



## 36-well 50mL HotBlock

The 36-sample SC100 was the first model in the HotBlock line, and is used daily in thousands of laboratories around the world.

### SC100:

Nominal Sample Size:	50mL
Temperature Range:	to 150°C
Thermocouple:	Type K
Number of Wells:	36
Footprint:	15" x 15"
Weight:	58 lb.
Electrical:	120VAC, 9A
Sample Capacity:	36
Racks Included:	SC200 (2)



## 54-well 50mL HotBlock

The larger capacity SC154 HotBlock digests up to fifty-four samples simultaneously.

### SC154:

Nominal Sample Size:	50mL
Temperature Range:	to 150°C
Thermocouple:	Type K
Number of Wells:	54
Footprint:	15" x 21.5"
Weight:	65 lb.
Electrical:	120VAC, 13A
Sample Capacity:	54
Racks Included:	SC200 (3)



## 12-well 50mL HotBlock

The 12-place Mini HotBlock is a compact block for laboratories digesting small batches of 50mL samples.

### C6002:

Nominal Sample Size:	50mL
Temperature Range:	to 150°C
Thermocouple:	Type K
Number of Wells:	12
Footprint:	8.55" x 18.5"
Weight:	56 lb.
Electrical:	120VAC, 13A
Sample Capacity:	12
Racks Included:	C6050 (1)

## Accessories and Consumables for 50mL HotBlocks:

Description	Catalog#	Quantity
Polycarbonate Transfer Rack, 18-well, for SC100 and SC154	SC200	Each
Polycarbonate Transfer Rack, 12-well, for C6002	C6050	Each
Screw Cap Digestion Cups, 50mL	SC475	500.
Ribbed Watch Glasses, 44mm	SC505	1000.
Reflux Cap, 34mm	SC506	500.
Temperature Probe, thermometer to 150°C	SC980	Each
High Range Temperature Probe, (thermometer to 250°C)	SC983	Each
Digestion Timer	SC305	Each

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# Metals Digestions: 100mL and 15mL Digestion Systems



## 25-Well 100mL HotBlock

The SC150 and SC151 HotBlocks are designed for the digestion of 100mL samples. Both blocks use disposable, graduated 125mL screw-cap polypropylene cups. Note that with the larger digestion vessels faster sample reduction may occur due to a greater surface-to-volume ratio.

### SC150:

Nominal Sample Size:	100mL
Temperature Range:	to 150°C
Thermocouple:	Type K
Number of Wells:	25
Footprint:	15" x 15"
Weight:	42 lb.
Electrical:	120VAC, 9A
Sample Capacity:	25
Rack Set Included:	SC225

## 35-Well 100mL HotBlock

### SC151:

Nominal Sample Size:	100mL
Temperature Range:	to 150°C
Thermocouple:	Type K
Number of Wells:	35
Footprint:	15" x 21.5"
Weight:	59 lb.
Electrical:	120VAC, 13A
Sample Capacity:	35
Rack Set Included:	SC235

## 96-Well 15mL HotBlock

The SC196 HotBlock is for the digestion of 15mL samples. The recommended SC415 digestion vessel has a total volume of 18mL and is graduated in 5mL increments.

### SC196:

Nominal Sample Size:	15mL
Temperature Range:	to 150°C
Thermocouple:	Type K
Number of Wells:	96
Footprint:	15" x 21.5"
Weight:	83 lb.
Electrical:	120VAC, 13A
Sample Capacity:	96
Rack Set Included:	SC296

## Accessories and Consumables, 100mL HotBlocks

Description	Catalog#	Quantity
Polycarbonate Transfer Rack Set for SC150, Includes one 15-well and one 10-well rack	SC225	Set
Polycarbonate Transfer Rack Set for SC151, Includes one 15-well and two 10-well racks	SC235	Set
Screw Cap Digestion Cups, 100mL	SC490	225.
Ribbed Watch Glasses, 52mm	SC610	500.
Temperature Probe (thermometer to 150°C)	SC981	Each
Digestion Timer	SC305	Each

## Accessories and Consumables, 15mL HotBlock

Description	Catalog#	Quantity
Polycarbonate Transfer Rack Set, Three 32-well racks	SC296	Set
Screw Cap Digestion Cups, 15mL	SC415	1000.
Ribbed Watch Glasses, 19.5mm	SC417	1000.
Temperature Probe, (thermometer to 150°C)	SC985	Each
Digestion Timer	SC305	Each

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