

HotBlock™ Digestion Systems

Simplify and Improve Metals Prep in Your Lab with HotBlock Digestion Systems.



HotBlock Systems provide faster, cleaner, more cost-effective metals digestions. Proven chemistry and superior technology produce consistent, reliable results.

- HotBlocks are made from Teflon®-coated graphite in a Kydex® housing and other non-metallic materials eliminating corrosion and sample contamination.
- Heating mats provide uniform heat distribution to all samples up to 150°C.
- HotBlocks maintain a setpoint of $\pm 0.1^\circ\text{C}$ and provide sample consistency of $\pm 1.5^\circ\text{C}$.
- The SafeSample™ alarm feature alerts you of any runaway temperatures.
- HotBlocks come with polycarbonate racks to transport samples.
- HotBlocks are available in 120V or 240V.

HotBlock Configurations:

Catalog #	Sample Volume	Number of Samples	Number of Racks	Footprint
SC100	50mL	36	2	15" X 15"
SC154	50mL	54	3	15" X 21.5"
C6002	50mL	12	1	8.55" X 18.5"
SC150	100mL	25	2	15" X 15"
SC151	100mL	35	3	15" X 21.5"
SC196	15mL	15	3	15" X 21.5"

HotBlock Pro Digestion Systems

With HotBlock Pro the programmable touch-screen controller provides easy access and convenient networking capabilities.

The controller can be used to operate a single block or can be networked for independent programming and operation of any two blocks in the HotBlock Pro series.



HotBlock Pro Controller SC180

The Hot Block Pro Controller is sold separately.

HotBlock Pro Block Options:

Catalog #	Sample Volume	Number of Samples	# of Racks	Footprint
SC181	50mL	54	3	15" x 21.5"
SC191	50mL	36	2	15" x 15"
SC182	100mL	35	3	15" x 21.5"
SC192	100mL	35	1	15" x 21.5"
SC189	15mL	96	3	15" x 21.5"

HotBlock HotPlate™

Heating glass or Teflon beakers and flasks is easy with our HotPlate made from the same Teflon-coated graphite and Kydex housing as our HotBlock Systems. The HotPlate provides uniform heat distribution up to 150°C.



NEW!

Catalog # SC175



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Call 800.745.8218 or 843.576.1147 ■ www.environmentalexpress.com

HotBlock™ Digestion System Accessories

Metals Digestion Cups and Accessories

For use with our HotBlock and AutoBlock Digestion Systems, our single-use ultra-clean, disposable polypropylene digestion cups come in 50mL, 100mL and 15mL sizes. Digestion cups have molded in graduations and serve as beakers, graduated cylinders and storage containers eliminating transfer steps and the potential for contamination. Other accessories are also available.

Check our website for a complete list of available products.



Catalog # SC475
50mL Cups
Catalog # SC505
44mm Watch Glasses



Catalog # SC490
100mL Cups
Catalog # SC610
52mm Watch Glasses



Catalog # SC415
15mL Cups
Catalog # SC610
19.5mm Watch Glasses

Sample Filtration Devices

Sample filtration is easy and economical with filtration devices that work with our disposable digestion cups.

FilterMate™

FilterMates work with our 50mL (SC475) and 15mL (SC415) cups.

Membrane options:

- Catalog # SC0401 2µm Teflon-faced Polypropylene
- Catalog # SC0408 Certified 2µm Pure Teflon
- Catalog # SC0407 0.45µm Teflon Prefilter
- Catalog # SC0404 0.7µm Glass Fiber for TCLP
- Catalog # SC0409 Certified 0.45µm Teflon
- Catalog # SC0421 FilterMate for 15mL cups



FlipMate™

FlipMate Filtration Devices work with our 100mL (SC490) cups.

Membrane options:

- Catalog # SC0301 0.45µm PES w/prefilter
- Catalog # SC0302 1.5µm Glass Fiber
- Catalog # SC0303 0.2µm PES w/prefilter
- Catalog # SC0304 0.7µm Glass Fiber for TCLP



StirBase™

Simultaneously Heat and Mix Your Samples.

StirBase can be used for performing Hexavalent Chromium in soils, some pharmaceutical dissolutions and other methods that require both heating and mixing of samples.

- Provides adjustable mixing speed.
- Remote control resides outside the fume hood with a 6-foot cable.
- Housing is corrosion-resistant PVC.
- StirBase comes with custom-designed magnetic stirbars.
- Footprint is 16" x 23".
- StirBase is available in 120V or 240V.

Catalog # SC160



Hand Operated Vacuum Pump Also Available

Catalog # SC6131-0110

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