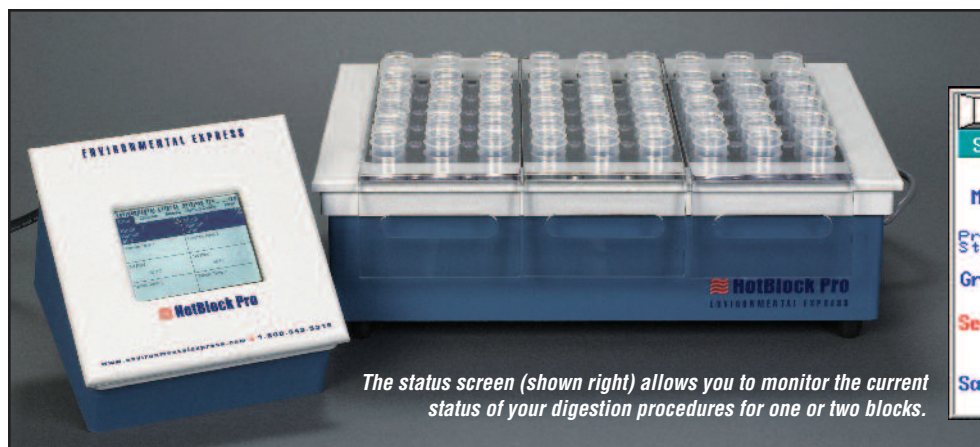


HotBlock™ Pro Digestion Systems



The status screen (shown right) allows you to monitor the current status of your digestion procedures for one or two blocks.

Block 1		Block 2	
Status	Calibrate	Methods	Timer
Block 1		Block 2	
Method	1	Method	1
Step	1	Step	1
Program Status	OFF	Program Status	OFF
Graphite Temp 1	44.0 °C	Graphite Temp 2	42.6 °C
Set Point	0.00 °C	Set Point	0.00 °C
Sample Temp 1	38.9 °C	Sample Temp 2	37.9 °C

The HotBlock Pro Series, programmable Metals Digestions with touch-screen remote control.

HotBlock Pro components are manufactured with the same rigorous specifications as our original HotBlocks. All blocks are manufactured from Teflon*-coated graphite and other non-metallic, corrosion-resistant materials and are designed to withstand the environmental challenges of the metals laboratory. All blocks maintain a setpoint of ± 0.1 °C and provide sample consistency of ± 1.5 °C.

The touch-screen controller provides easy access and convenient networking capability.

The touch screen controller is located outside the fume hood environment and provides extremely easy and intuitive operation of all blocks in the HotBlock Pro

Series. 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.

8' power cords connect the controller to each block. All electrical components are housed in the controller away from the acid environment of your hood.

A variety of functions can be monitored and controlled using the touch screen controller (see Method Configuration Screen section). Parameters can be programmed, edited and saved by the user.

Control modules include:

- The **Status Screen** is continually displayed during operation of a method and indicates parameters currently running including: **Method #, Step #, Program Status, Graphite Temp, Set Point Temp, and Remaining Soak Time** of the step in progress. Two blocks can be displayed at one time if desired. When utilizing external temperature probes the screen displays the **Current Sample Temperature**. This screen will automatically refresh as steps and temperatures change.

At the conclusion of the method an alarm sounds and heat is turned off.

- The **Method Configuration Screen** is used for programming and saving digestion procedures. User-defined parameters include **Ramp, Set Point Temp, Soak Time and Pause**. Up to 15 individual methods can be created, named and saved for future use by the HotBlock Pro.

- The **Timer Screen** provides an automatic countdown timer for a variety of uses. The user inputs time in minutes, presses start and at the conclusion of the countdown a visual and audible alarm sounds. This feature is great for adding reagents at various intervals throughout the digestion process.

- Using the **Pause** feature each block can be *paused* either manually at any time or as a programmed step during the digestion procedure. An alarm will sound to alert the analyst of this pause. Time and heat are stopped until the pause is acknowledged on the controller by the analyst.

Visit our website for block specifications.

Description	Catalog #
Hot Block Pro Controller	SC180
54-well HotBlock Pro for 50mL Samples (use with SC180 Controller)	SC181
36-well HotBlock Pro for 50mL Samples (use with SC180 controller)	SC191
35-well HotBlock Pro for 100mL Samples (use with SC180 controller)	SC182
25-well HotBlock Pro for 100mL Samples (use with SC180 Controller)	SC192
96-well HotBlock Pro for 15mL Samples (use with SC180 Controller)	SC189
External Temperature Probe to use with HotBlock Pro Components	SC183
Holder for External Temperature Probe	SC184

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