

Metals Digestions: HotBlock Pro Systems

Easily network two HotBlocks using the HotBlock Pro Touch-screen Controller.

The HotBlock Pro Series offers programmable metals digestions with touch-screen remote control.

HotBlock Pro components are manufactured with the same rigorous specifications as our original HotBlocks.

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

The touch-screen controller is located outside the fume hood and can be used to operate a single block or provide easy and intuitive operation of multiple blocks. The controller can be used to run pre-programmed methods or to program custom methods. Parameters can easily be programmed, edited and saved by the user. The controller monitors the progress of each step in the digestion process.



Description	Sample Volume	Number of Samples	Digestion Cup	Racks	Footprint	Catalog #
HotBlock Pro Controller Networks any two HotBlock Pro Blocks					9.25" X 8.75"	SC180
54-well HotBlock Pro	50mL	54	SC475	3, 18-well	15" X 21.5"	SC181
36-well HotBlock Pro	50mL	36	SC475	2, 18-well	15" X 15"	SC191
25-well HotBlock Pro	100mL	25	SC490	1, 10-well; 1, 15-well	15" X 15"	SC192
35 well HotBlock Pro	100mL	35	SC490	2, 10-well; 1, 15-well	15" X 21.5"	SC182
96 well HotBlock Pro	15mL	96	SC415	3, 32-well	15" X 21.5"	SC189

HotBlock Pro



Intertek
4000040

All HotBlocks from Environmental Express are ETL certified.

The certification is based upon the standard requirements for UL 61010- "Safety Electrical Equipment for Measurement, Control and Laboratory Use".

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Metals Digestions: HotBlock Pro Systems and Custom HotBlocks

Controller Modules Include:

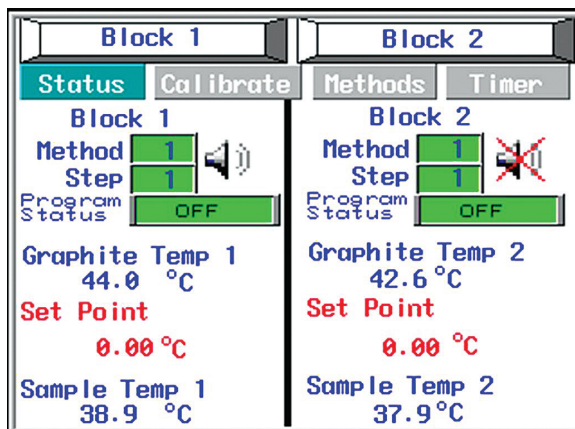
The Status Screen is continually displayed during operation of a method indicating parameters currently running. The status of two blocks can be displayed at one time if desired. When utilizing external temperature probes the screen displays the Current Sample Temperature. At the conclusion of the method an alarm sounds and the 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.

The Timer Screen provides an automatic countdown timer for a variety of uses. This feature is great for adding reagents at various intervals throughout the digestion process.

Each block can be paused at any time using the Pause Feature either manually 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 reset by the analyst.

The optional external thermocouple can be used to monitor and record sample temperatures during the digestion process. For use with the SC180 HotBlock Pro series controller. Probe Holder is sold separately.



HotBlock Pro Block Specifications:

Temperature Range:	to 180°C
Temperature Resolution:	0.1°C
Temperature Uniformity:	±0.2°C
Internal Thermocouple:	Type K
External Thermocouple	SC183

All HotBlocks are also available in 240V.

Description	Catalog #
External Temperature Probe to use with HotBlock Pro Components	SC183
Holder for External Temperature Probe	SC184

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