

AUTOMATION FOR ANALYTICAL LABORATORIES

Thomas Cain 

**SMARTBLOCK**  
Manual Block Digestion System



ACCURATE • CONSISTENT • RELIABLE • SIMPLE

[THOMASCAININC.COM](http://THOMASCAININC.COM)

## Manual Sample Preparation

The Manual SmartBlock is a Teflon® coated Graphite block digestion system. The Teflon® protects the block from highly corrosive acids and other testable chemicals for guaranteed long life in these harsh laboratory environments.



- The SmartBlock accommodates standard flat-bottom digestion vials.

- **50 ml Sample Capacity -- 60**

- Customer Specific tubes---any vial the customer would like to use.

### Options

- Corrosion Proof External Temperature Probe
- Hood

### Fume Hood

- Includes a HEPA filter and duct tubing to connect to the laboratory's exhaust system
  - Allows customer to place SmartBlock on a standard laboratory bench top.
  - Allows customer to better utilize their existing fume hoods.

### Specifications

- **Footprint** -- 13 in x 26 in
- **Weight** -- 57 lbs
- **Vessel Sizes** -- \* 50ml flat bottom
  - \* 16 mm test tubes
  - \* Custom Available
- **Voltage** -- 110 or 240 VAC
- **Power** -- 15A @ 110/115 V
- **Temperature Range** -- Ambient - 180° C
- **Temperature Uniformity** -- +/- 1° C

**Thomas Cain, Inc.**

**4322 S. 50th St. Omaha, NE 68117**

**Office (402) 614-6585 Fax: (866) 305-2704**

**Visit [ThomasCainInc.com](http://ThomasCainInc.com) for more information regarding SmartBlock.**