SmartBlock II

METALS DIGESTION BLOCK
DIGESTION BLOCK
Fast, simple and reproducible digestions for trace metals, TN, TP

- Economical
- Low Maintenance
- Time Saving
- Rugged Construction

Suitable for EPA Approved Methods:
and more!

SmartBlock II
Compact, easy-to-use bench top heating block, ideal for labs with limited space.

USER FRIENDLY AND ECONOMICAL
- Large easy to read LED displays current set temperatures
- Use the supplied digestion tubes for normalization and eliminate the need for digestion beakers, volumetric flasks, graduated cylinders storage containers, etc.
- Take the digestion tubes straight from the SmartBlock to your ICP or other analyzer
- A large range of accessories gives you complete flexibility

EFFICIENT
- Up to 96 simultaneous sample digestions
- Fast & uniform heat distribution-from ambient to 180° C
- Evenly heats the digestion tubes on both the sides and the bottom to ensure optimum heat transfer
- Temperature stability eliminates the need to move individual digestion tubes to a more favorable position

DURABLE AND SAFE
- Solid graphite heating block allows for maximum heat transfer from heater base to digestion tubes and eliminates corrosion and sample contamination
- Rugged Teflon coating resists highly corrosive acids
- Corrosion proof external temperature probe
- Built in safety features protect both operators and samples including:
  - Over temperature cut out to protect samples
  - Integrated temperature controller
  - Isolated electronics
  - Temperature lock-the last temperature set will be remembered, even if turned SmartBlock is turned off

ALSO AVAILABLE
SmartBlock II Plus
with programmable controller to automate your digestion procedure

Save multiple programs for higher efficiency!
SmartBlock II can significantly reduce sample volume, chemicals, digestion time, and power consumption.

Ideal for trace metal digestions of:
- Soils
- Sludges
- Drinking Water
- Wastewater
- Biological Samples and Tissues
- Foods
- Animal Foods
- Nutritional Supplements

Simpler & Safer Digestions

Extra racks allow you to weigh sample directly into the digestion tubes. The racks can be transferred directly to the SmartBlock II. After digestion the rack can be used for cooling. Extra racks facilitate batch handling of samples and digestion tubes.

Accessories

- Standard 50ml Vials
  - Polypropylene
  - Graduated
  - Available in 15mL, 50mL, or 100 mL

- PTFE Digestion Tubes
  - Designed for more strenuous digestions
  - Can be heated up to 200°C

- High Temperature Racks
- Extra Racks
- Standard Vial Caps
- Reflux Caps
- Watch Glasses

Please visit www.seal-analytical.com or contact your local SEAL Analytical representative about your specific application.
COMPREHENSIVE SUPPORT

We offer comprehensive applications, technical service and software support.

INCLUDING

- A choice of preventative maintenance and service contracts to meet your specific requirements
- In-house and online training
- Guaranteed availability of genuine consumables and spare parts
- Adaptation of methods to specific requirements such as matrix, range or detection limit
- Continuous in-house development of software to incorporate new customer requested features

50 Years’ Experience in Environmental Analysis Built into Every Analyzer

50 years’ experience in designing, developing and manufacturing automated wet chemistry analyzers specifically for very low detection levels in environmental applications has helped SEAL to apply the most useful, easy to use features into the SEAL range of Discrete and Segmented Flow analyzers. The SEAL analyzers are widely acknowledged as the best for environmental analysis, giving you everything you need to achieve equal or superior results to the manual and approved laboratory methods the SEAL analyzer replaces.

Digestion Systems

FOR METALS AND TKN, TP DIGESTION

SEAL Analytical is a global company with offices worldwide - contact us at:

SEAL Analytical, Inc.
6501 West Donges Bay Road
Mequon, WI 53092
United States
Tel: +1 (262) 241 7900
Fax: +1 (262) 241 7970
sales@seal-us.com

Distributed in Australia By:
Fluidquip Australia Pty Ltd
Unit 7/ 84-90 Old Bathurst Rd, Emu Plains NSW 2750
Ph: 02 4735 5054
fluidquip@fluidquip.com.au
www.fluidquip.com.au