

DIGIBLOCK SOLUTIONS IN SAMPLE PREPARATION

ED80S - 80 POSITIONS VERSION



LabTech

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THE BEST CHOICE FOR SAMPLE DIGESTION

The DigiBlock digestion system provides clean, economical and efficient digestions.

The DigiBlock heating surface is made of graphite or aluminum alloy protected by PTFE coating and can accommodate as many as 80 graduated 10/15ml tubes and operates from room temperature up to 210 °C. LabTech offers a complete range of DigiBlock digestion systems to fit any customer need. The DigiBlock complies with the highest international standards to perform EPA approved methods. The DigiBlock use low cost, disposable digestion tubes to speed up and simplify the digestion process.

- **Easy to use**
- **Performance**
- **Flexibility**
- **Safety and Control**
- **Productivity**



The LabTech front panel offers an unique and innovative tool to match the most demanding control needs throughout the entire sample digestion process.

The DigiBlock software provides a user-friendly control of the sample digestion process with automatic and real-time parameters.

MAIN APPLICATIONS



Food and Feed



Environment



Pharmaceutical



Biochemistry



Clinical



Paint chips

SOLUTIONS IN SAMPLE PREP

Sample preparation procedures take approximately 85% of the time associated with atomic spectroscopy analysis. Quality, easy of use and speed are key factors in today's analytical lab.

- Higher throughput of samples
- Uniform temperature across the block
- Minimum radiant heat loss
- Contamination prevention
- Cost savings by disposable digestion tubes

THE BEST CHOICE FOR ORGANIC SAMPLE DIGESTION

Acid digestion of organic samples produces gaseous by products that affect closed digestion vessels.

Larger samples of several grams are needed in a variety of applications to have a more representative portion of large sample bulk or to compensate limitations in the sensitivity of analytical instruments.

The LabTech DigiBlock digestion line allows rapid open digestions up to 80 organic samples with dry weight of several grams each.

iTOUCH VERSION

Include a practical controller (connected to the main unit via a 2-meter long cable) that can be mounted on any metallic surface (eg to the side of a fume hood) thanks to built-in magnets that allows to control the entire sample digestion process.

TECHNICAL SPECIFICATIONS



HEATING MATERIAL	High purity graphite + anti corrosion coating
HEATING POWER	3000W
TEMPERATURE CONTROL	Intelligent PID + intuitive touch control
HEATING HOLES	80 position holes 21x60mm
CONTROLLER	Separate controller iTouch 4.3 inch
HIGH TEMPERATURE ALARM	YES
24/7 CONTINUOUS WORKING TIME	YES
ISO9001 CERTIFIED	YES

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LabTech, your reliable laboratory solution provider.

LabTech is a leading manufacturing company with skills and passion devoted to provide advanced laboratory solutions to the analytical community. We are located in Sorisole, northern Italy, with facilities in USA and China. Incorporated with global branches, LabTech is organized into R&D, production, marketing & sales and customer support. Major LabTech products include organic/ inorganic sample preparation systems, laboratory cooling/ heating/temperature control equipments, analytical instruments, gas generators, laboratory centrifuges and liquid nitrogen generators. With knowledgeable scientists and experienced engineers, our R&D team has developed and released a series of new lab equipments and instruments dedicated to the modern analytical laboratories. With all of these accomplishments and our endless research and development efforts, we are proud to be your professional partner.



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