

BD40 HIGH TEMPERATURE DIGESTION SYSTEM



Kjeldahl Digestions Made Easy



Lachat's BD40 Block Digester will improve accuracy, precision and productivity of your high-temperature digestions. Developed to digest total Kjeldahl nitrogen and total phosphorus samples, the BD40 brings key features to this well-accepted block digestion technique.

BUILT FOR HARSH ENVIRONMENTS

The BD40^{HT} block digester utilizes the latest in graphite block technology, with silicon carbide (SiC) coated graphite blocks which resist aggressive corrosion.

SMALL FOOTPRINT

With a two-tier, dual zone tube rack, the BD40 space used is reduced by 50%, allowing more room for other lab instruments.

EASE OF USE

An intuitive touch screen controller with a color display, and over 10 built-in languages to select from, makes operating your digester quick and easy.

TOTAL CONTROL AT YOUR FINGERTIPS

The BD40 controller allows for storing 12 custom methods with 3 programmable levels, shows a graphical representation of the heating profile in real-time, and comes with built-in safety features such as automatic shutdown.

ALL THE ACCESSORIES YOU NEED

Lachat offers all the accessories you will need for digestion—from Glass Ball Condensers, to Heat Deflector Shields and Boiling Chips.

BD40 HIGH TEMPERATURE DIGESTION SYSTEM

Specifications*

ENVIRONMENTAL FOR DIGESTOR & CONTROLLER

Relative Humidity

30% to 80%

Installation

Category II

Pollution

Degree 2

Ambient Operating Temperature

-5 to 40°C

TOUCHSCREEN CONTROLLER

Model

Touch Screen

Voltage

230V \pm 10%

Frequency

50/60 Hz

Maximum Operating Temperature

85°C

Size

25W x 19D x 17H cm (9.8 x 7.5 x 6.8 in.)

Weight

2.2 Kg (4.9 lbs)

DIGESTOR

Model

BD40 High Temperature Digestion System

Capacity

40 Samples

Operating Temperature

Ambient to 450°C (max)

Tube Capacity

115 mL

Voltage

230V \pm 5%

Power

3362W

Internal Thermal Fuse

Manual reset above 450°C

Frequency

50/60 Hz

Size

43W x 44D x 69H cm (17 x 17.5 x 27 in.)

Weight

20.9 Kg (46.1 lbs)

*Subject to change without notice.

How To Order

- A38201** BD40 High Temperature Digestion System with Color Touch Screen Controller
Includes: 40-position Heating Block with external Color Touch Screen Controller, 40 Refluxing Test Tubes, 40 Cold Fingers, 40-Position Test Tube and Cooling Rack, Heat Deflector Shields, and Boiling Chips.
- A38202** BD40^{HT} High Temperature Digestion Block with Test Tube Rack
- A38203** BD40 Touch Screen Controller with Color Display

ACCESSORIES

- 18094L** Calibrated Test Tube, 25mL and 50mL, Round Bottom (each)
- 18091L** Heat Deflector Shields for Improved Evaporation (2/pkg)
- 18092L** Power Cord 230V North America with C19 Connector
- 18093L** 40-Position Test Tube and Cooling Rack
- 18090L** Calibrated Test Tube Set, 25mL and 50mL, Round Bottom (40/pkg)
- 18095L** Replacement Dongle for Touchscreen Controller
- 18032L** Cold Finger Set, 40/pkg
- 18032** Cold Finger, for Calibrated Test Tubes (each)
- 18501** Boiling Chips, 250g

For Technical Assistance, Price Information and Ordering

In the U.S.A.

Call toll-free (800) 247-7613.

Outside the U.S.A.

Contact the LACHAT office or distributor serving you.

On the Worldwide Web

www.lachatinstruments.com

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