

BLOCK DIGESTORS

**Compare us
with the competition!**
Economical system includes racks,
tubes, fume scrubber, and
cooling rack!

CGS 3001.02



m Block Digester BD-46

Increase accuracy, precision and productivity with the BD-46 from Lachat Instruments. Developed to perform high temperature digestions to determine total Kjeldahl nitrogen and total phosphorus in environmental samples, the BD-46 brings several important innovations to the well-accepted block digestion technique including —

- **46 x 75 mL tube positions**
- **Expansion bulb built into tube design to reduce foaming**
- **Cold fingers to condense fumes**
- **Integral programmable controller for increased safety and convenience**
- **UL-listed for safety and design quality**

Maximize Accuracy and Precision

Because the BD-46 has 46 tube positions rather than the usual 40, QC samples and calibration standards can now be carried through the same digestion process as the samples. This maximizes accuracy and precision since the standards and samples are treated exactly the same.

Reduce Overflow of Samples with Surfactants

Many wastewater samples contain varying levels of surfactants which will cause foaming of the sample during digestion. The foam may then overflow from the tube onto the heated block. The special design of the BD-46 digestion tube incorporates a bulb towards the top which breaks up most foams and reduces overflow.

Increased Reliability and Viewability of Controller

The BD-46 programmable controller is attached to the block on a flexible arm which keeps it high and dry, away from spillage, and makes it easily adjustable to vary viewing angles. Other block digestors have controllers separate from the block that sit on the bench where they are liable to spillage and are difficult to view.