

# BLOCK DIGESTORS

## CGS 3004.02

### Exclusive "Cold Finger" Fume Recovery System Eliminates the Need for Expensive Fume Scrubbers

Until the BD-26, acid fumes have presented a serious problem. Either an expensive and often ineffective acid scrubber needed to be purchased or the unit needed to be placed in a hood where corrosive fumes would attack the seals and significantly shorten the life of the hood. Now, with the addition of an inexpensive glass cold finger to each digestion tube, the acid fumes are cooled, condensed and returned to the tube where they belong.

### Increased Reliability and Viewability of Controller

The BD-26 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 and sit on the bench where they are susceptible to spillage, corrosion of high power connectors, and are difficult to view.

### Specifications

|                         |  |
|-------------------------|--|
| Height x Depth x Width: | 61 cm (24 in) x 35 cm (14 in) x 74 cm (29 in)          |
| Electrical:             | 230 VAC, 50/60 Hz, 20A                                 |
| Temperatures:           | 60 to 390°C (140 to 720°F) with 10° setting increments |
| Time Periods:           | 990 minutes for each of the two periods                |
| Setpoint Accuracy:      | within ±5°C of setpoint temperature                    |
| Setpoint Resolution:    | 10°C increments  |

### Ordering Information

|  |               |
|--|---------------|
| <b>Block Digestor BD-26 for refluxing digestions:</b>  | <b>A26204</b> |
| Includes 26 position heating block with integral controller, two 13 position tube racks, two 13 position cold finger racks, tube cooling rack, 28 refluxing tubes, and 28 cold fingers |               |
| <b>Metals digestion version of BD-26:</b>  | <b>A26205</b> |
| Includes 26 position heating block with integral controller, two 13 position tube racks, rack stand, and 28 x 250 mL evaporator tubes  |               |
| <b>Refluxing tube, 250 mL:</b>   | <b>26074</b>  |
| 100 mL mark, ±5%   |               |
| <b>Evaporator tube, 250 mL:</b>  | <b>26075</b>  |
| 100 mL mark (for metals digestion), ±5%  |               |
| <b>Cold finger:</b>  | <b>26003</b>  |