



Model BD-40 / BD-16

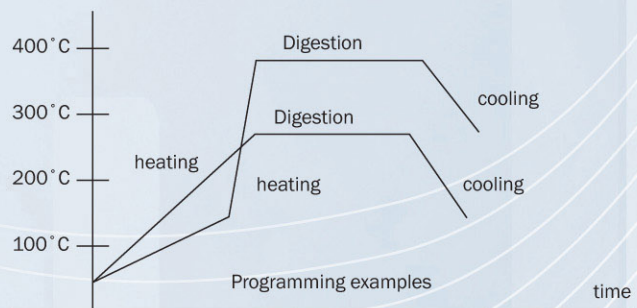
General Description

PROTECH BLOCK DIGESTORS ARE AVAILABLE IN TWO MODELS – the micro-Kjeldahl and macro-Kjeldahl digestion systems. The micro-Kjeldahl is a 40 holes block and the macro-Kjeldahl is a sixteen hole block. The PROTECH block digestors are designed to be used in the fume hoods.

The temperature controller is connected by an extended cable (6 feet long) to the heating block which is placed inside the fume hood during digestion. The controller and its electronic components thus is protected/keep away from the hostile acid fume generated during digestions in the fume hood. The unit is supplied with an insert rack with heat shield for 40/16 tubes for easy sample handling. A spillage tray is also provided with the standard equipment.

Programmable Controller (Optional)

- Simple to programme
- Up to 10 steps
- Inexpensive
- Intended for unattended operation
- Universal usage



Specifications

MODEL	BD-40	BD-16
Type	Micro-Kjeldahl	Macro-Kjeldahl
Number of holes	40	16
Max. daily sample capacity	200	80
Digestion tube volume	100 ml (310 x 26mm Ø tube) 50mm insertion depth	250 ml (300 x 48mm Ø tube)
Controller	PID controller	
Temperature range	Up to 440 °C	
Setting and display	Digital, display to 0.1 °C	
Over temperature protection	Standard	
Safety feature	Supplied with ELCB as standard	
Power consumption	2200 watt, 10A	1000 watt, 5A
Temperature stability	±1 °C	
Dimensions	490W x 290H x 345D mm (Digestion block)	
	345W x 150H x 250D mm (Insert rack)	
	205W x 130H x 240D mm (Control box)	
Voltage	240 VAC, 50Hz, 11.7A	
Weight	23 kg	

Option

- 10-step programmable temperature controller