



Applications

A Block Digester will relieve staff from long digestion processes and prepare samples for analysis in advance of your workday, significantly improving laboratory productivity. The solid high-grade aluminium block, encased in a stainless steel housing, ensures an acid resistant and very low maintenance block digester. Users can control temperatures, program digestion methods, pause steps and detect errors through the separate, programmable, acid resistant Controller. The addition of a Block Digester to your laboratory will reduce manual handling, improve safety, increase productivity and improve the quality of your digestions irrespective of the operator or the batch. Suitable for a variety of applications on environmental, food, pharmacy, chemistry and biochemistry samples.

Features

- Aluminium plates offer maximum heat transfer, strength and corrosion resistance
- Aluminium surfaces provide excellent temperature uniformity with no risk of breakage
- Large work surface
- Power and heater indicator light
- Digital temperature controller: Excellent temperature stability
- Control panel protected from spillage with special designed panel
- Control panel is connected to the digester's body externally. Non-direct contact of electrical parts extend the shelf-life of the equipment

Specification

Model	QBD-16	QBD-40	QBD-50	QBD-100
Type	Bench-top			
Number of holes	16	40	50	100
Digestion tube diameter	48 mm	26 mm	16 mm	48 mm
Controller	PID controller			
Temperature range	Up to 430°C			
Setting and display	Digital, display to 0.1°C			
Safety feature	Supplied with ELCB as standard			
Power consumption	1600 watt, 8A			
Temperature stability	± 1°C			
Dimension (mm)	210W x 130H x 260D (Control Box)			
	345W x 250D x 130H (Digestion block)	259W x 134D x 70H (Digestion block)	290W x 270D x 65H (Digestion block)	
	490W x 345D x 290H (Digestion block)	430W x 260D x 140H (Digestion block casing)	470W x 370D x 140H (Digestion block casing)	
Weight	23 kg		11 kg	20 kg

Optional

- Programmable temperature controller
- Custom-made (digestion holes number, diameter, dimensions, etc)