



Model SD-450



Model DD-1050

Features

- All models are designed for BOD determination
- Microprocessor-PID controller which makes it easy to achieve and maintain the exact temperature desired.
- Set temperature easily and accurately with push-buttons.
- LED dual-display screen displays both the set and actual temperatures.
- Back-up system memory protects the set point values in case of power failure.
- Off-set function for calibration use. Important for ISO/Calibration requirement.
- CFC free refrigeration system – environmental friendly
- Built-in overload protection for compressor – durable operation.
- Fully gasketed door with key lock – secure against unauthorized access.
- Door with fan switch – stops circulation fan when door is open, reduces temperature fluctuation
- Double-pane glass door – provides for full-view of test samples.
- Extra large capacities – Accommodate large sample loads

Applications

- Microbiological testing
- BOD tests
- Tissue culture
- Milk testing
- Shelf-life testing
- Product storage requirement
- Plant growth / germination studies



Specifications

MODEL	SD-450	DD-1050	TD-1600
Cabinet construction	Powder-coated mild steel interior and exterior		
Cabinet insulation	CFC-free polyurethane, foam-in-place insulation		
Temp. working range	5 °C to 60 °C		
Controller	PID controller		
Temp. accuracy	± 0.15 °C		± 0.2 °C
Temp. setting & display	Digital display to 0.1 °C		
Thermo sensor	PT-100		
Air circulation	Aided by circulation fan		
Heater	800 watt	1600 watt	2400 watt
Safety devices	Over temperature protection, built-in overload protection for compressor, ELCB, high-low pressure switches		
Refrigerator	¼ HP hermetic seal type	0.42 HP hermetic seal type	¾ HP hermetic seal type
Defrost	With auto defrost and time delay protector		
Refrigerant	R134a, CFC Free		
Capacity	500 litres	1050 litres	1600 litres
Powder coated Shelves	5pcs	10pcs	15pcs
Viewing lamp	Included		
Chamber dimensions (mm)	535W x 650D x 1430H	1155W x 650D x 1430H	1770W x 650D x 1430H
Overall dimensions (mm)	640W x 825D x 2070H	1260W x 825D x 2070H	1880W x 825D x 2070H
Power source	240V, 50 Hz, 6A	240V, 50 Hz, 11.4A	240V, 50 Hz, 14.5A
Weight	130kg	200kg	278kg