



Introduction:

DIGITAL COD DIGESTOR is suitable for COD method for monitoring wastewater in-fluent and effluent, industrial process water, and more. This instrument is used by Pollution Control Labs.

Construction Details:

- Outer cabinet is made of mild steel duly powder coated.
- Double wall construction with insulation for minimum heat losses increases the efficiency of the system.
- Aluminum Block with holes (Dimension 38 mm Diameter x 76 mm Depth) is used to hold 6 nos COD tubes.
- Aluminum Block is heated to maintain temperature up to 180° C
- Solid state Digital Temperature Controller, appropriate heater & insulation selection assure uniformity in all the samples.
- Selectable timer up to 120 min/h alarm is provided to set the digestion period (Refluxing).
- After digestion, analyze the sample with titrimetric method. (without chemicals and accessories for Titration)
- Supplied with 6 sets of Glassware (COD Tubes and COD Air Condensers)

Note:

- Supplied without OPTIONAL stand for keeping Glass wares.
- Supplied without bath for immediate and fast cooling of glass wares (Quoted separately).
- Chemicals, Glass burette and titration stand required for Titration has to be arranged by the customer or can be provided by us at extra cost.

| Technical Specification | |
|-------------------------|---|
| Temperature Range | Above ambient to 180° C or higher |
| Temperature Resolution | 0.1° C |
| Display | Digital 12mm Red LED |
| Control | Digital Electronic Temperature Controller |
| Heater Rating | 750 Watts |
| Sensor | PT-100 |
| Timer | Selectable 15, 30, 45, 60, 90 or 120 minutes with alarm |
| Hole Size | 38mm Diameter x 76mm Depth |
| Glass Tube | 36mm diameter, 15 no (3 x 5 rows) |
| Sample Volume | 20 ml Each |
| Overall size | 770 X 560 X 310 (L X W X H) mm |

Note: Specifications are subject to change.