



Key features

The Control Valve Characteristics Trainer (CVCT) is the system which outlines basics of control Valve, its characteristics.

Keywords:

Equal Percentage Characteristics.
Linear Characteristics.
Quick Opening Characteristics

Technical Specifications

- Sump tank- Material: Stainless Steel 1.5 mm thick/ P.P 5 mm thick, Capacity: 30 liters,
- Dimension: 1ft (L) ´ 1ft(W) ´ 1 ft (H).
- Piping- .", GI, Class B, with .", SS ball valves
- Centrifugal Pump- 1/2 / 1/4 H.P., 1φ 230 V AC supply
- Pneumatic control valve- 3 Nos, Size; .", Type: Two way Globe type for Equal Percentage, Linear Valve & Quick Opening Valve. (Air to Close)
Cv: 5 us GPM, with diaphragm actuator.
- Rotameter- Range: 0-1000 LPH, Glass tube type/Acrylic body
- Connection: .", Mounting: Inlet Bottom Outlet Top
- A.F.R. / F.R.L. Unit- 0-2.1 Kg/cm² with pressure gauge

Features-

- Compact Ergonomic Design.
- User Friendly, Self Explanatory Systems.
- Robust Construction.
- Training Manual for Operation Eas

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Caster wheel mounted movable frame

Range of Experiments-

- Control valve characteristics
- Study of Equal % characteristics.
- Study of linear characteristics.
- Study of ON-OFF/Quick opening characteristics.
- Study of control valve sizing.
- Study of control valve noise.
- Study of control Valve calibration and stroke checking.

System Dimension - 5 Ft. (L) X 3 Ft. (W) X 4 Ft. (H)

Weight: Approx. 85 kg.

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