



Available variant

1. Kinematic Viscosity Bath (Below Ambient)-for 4 Viscometers-
2. Kinematic Viscosity Bath (Below Ambient)-for 2 Viscometers-
3. Kinematic Viscosity Bath-(above Ambient)-for 8 Viscometers-
4. Kinematic Viscosity Bath-(above Ambient)-for 6 Viscometers
5. Kinematic Viscosity Bath-(above Ambient)-for 4 Viscometers-
6. Kinematic Viscosity Bath-(above Ambient)-for 2 Viscometers-
7. Round Jar Kinematic Viscosity Bath-(above Ambient)-for 3 Viscometers-

Compliance Standards:

- ASTM D445, ASTM D446, IS 1448 (P-25), IP 71

Application

- Used for determination of kinematic viscosity of oils, fuels, lubricants and petrochemical materials at controlled temperatures.

Salient Features

- Microprocessor-based digital PID temperature controller
- PT-100 temperature sensor
- LED digital temperature display
- Temperature resolution: 0.1°C
- Temperature accuracy: $\pm 0.1^\circ\text{C}$ @ 25°C / 40°C , depending on model
- Double-walled construction with insulation
- Stainless Steel SS-304 inner chamber
- Powder-coated outer body
- Motorized stirrer for uniform temperature distribution
- Glare-free illumination for clear sample observation
- Toughened/heat-resistant glass viewing window
- Digital stopwatch for observing flow time
- Side-mounted control panel
- Built-in boost for faster initial heating
- Suitable for Glass U-Tube Viscometers
- Easy cleaning and maintenance
- 230 V / 220 V AC, 50 Hz power supply

Technical Specification

- Compliance Standards: ASTM D445, ASTM D446, IS 1448 (P-25), IP 71
- Application: Determination of kinematic viscosity of oils, fuels, lubricants and petrochemical materials at controlled temperatures
- Temperature Range: 10°C to Ambient / Ambient $+5^\circ\text{C}$ to 120°C / $+5^\circ\text{C}$ to 150°C , depending on variant
- Temperature Controller: Microprocessor-based Digital PID Controller
- Temperature Sensor: PT-100
- Temperature Display: LED Digital Display
- Display Resolution: 0.1°C
- Temperature Accuracy: $\pm 0.1^\circ\text{C}$ @ 25°C / $\pm 0.1^\circ\text{C}$ @ 40°C / $\pm 0.5^\circ\text{C}$ @ 40°C , depending on variant
- Inner Chamber Material: Stainless Steel SS-304 Grade
- Outer Body: Mild Steel / G.I., Powder Coated
- Construction: Double-walled
- Insulation: Glass Wool Insulation
- Stirrer: Motorized Stirrer for Uniform Temperature

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
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GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



- Viewing Window: Toughened / Heat-resistant Glass; Frost-free for below-ambient models
- Illumination: Glare-free illumination
- Control Panel: Side-mounted
- Stopwatch: Digital Stopwatch
- Viscometer Capacity: 2 / 3 / 4 / 6 / 8 Viscometers, depending on variant
- Viscometer Type: Glass U-Tube Viscometers
- Bath Capacity: 12 / 25 / 28 / 40 Liters, depending on variant
- Working Chamber Size: 180 × 110 × 350 mm / 270 × 220 × 350 mm / 370 × 260 × 350 mm / Approx. 300 mm Dia × 350 mm Depth
- Heater Rating: 1500 W / 2000 W / 2500 W / 1.5 kW, depending on variant
- Refrigeration System: Emerson / Danfoss Make, for below-ambient variants
- Compressor: Hermetically Sealed Compressor
- Condenser: Fin & Tube Type Air-Cooled Condenser
- Refrigerant: R134a
- Power Supply: 220/230 V, 50 Hz, AC Supply
- Overall Dimensions: 645 × 285 × 610 mm / 645 × 355 × 610 mm / 750 × 355 × 610 mm / 940 × 440 × 670 mm, depending on variant
- Approx. Weight: 26.5 kg / 29 kg / 33 kg / 52 kg, depending on variant

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