



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

KINEMATIC VISCOSITY BATH (BELOW AMBIENT)-FOR 2 VISCOMETERS-

Compliance with following International Standards :

ASTM D445, IS 1448 (P 25)

Application :

Used for determination of kinematic and intrinsic viscosity Of fuels, lubricants & petrochemical raw materials at constant temperatures in accordance with ASTM D 445 and other equivalent methods

Annexure:

1. Microprocessor based circuitry assures precise, reliable temperature control within specified tolerances throughout the operating range of the bath i.e. 10 °C to ambient temperature.
2. Dual digital displays show set and actual bath temperature
3. Simple push button controls and digital display permit easy setting and monitoring of bath temperature.
4. Bath accommodates 04 Nos glass capillary reversion viscometers of various types at a time
5. Viewing the viscometers is made easy by glare-free fluorescent illumination.
6. Temperature control uniformity is assured by means of motorized stirrer, which provides complete circulation without turbulence.
7. Frost free glass window for low temperature bath
8. Control panel is mounted on a side of the bath
9. Complete exterior body is finished with attractive powder coated paint



Technical Specifications of Refrigeration System :

1. Refrigeration system : Emerson/Danfoss Make refrigeration system
2. Compressor: Hermetically Sealed Compressor
3. Condenser : Fin & Tube type Air-Cooled Condenser
4. Refrigerant : R134a

Optional Accessories At Extra Cost :

1. Voltage Stabilizer(**Highly recommended**)
2. Temperature calibration certificate as per ISO/IEC : 17025 (NABL)

Corporate Office:

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

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



3. Display resolution 0.01°C with Eurotherm Make Controller
4. Thermometer glass - IP 30C (-23.6 / 26.4°C x 0.05°C) ASTM 45C:
5. Glass U Tube Viscometer to be purchased at extra cost

Note

Use of RO/DM Water as a bath media is mandatory for long lasting performance of Heaters. Warranty void in case of non compliance

Technical Specification

•Volume of the bath	: 12 Liters capacity
•Temperature Control Range	: 10 °C to Ambient
•Temperature controller	: Microprocessor based Auto-Tune PID Digital Temp controller cum indicator
•Temperature sensor	: PT - 100 Sensor
•Temperature Display	: LED Display
•Display Resolution	: 0.1 °C (Optional 0.01°C at extra cost)
•Temperature Accuracy	: ± 0.1 °C (@ 25°C)
•Heater	: Immersion heater
•Viewing window	: Vacuum glass window for frost free viewing below 5°C range
•Stirrer	: 1400rpm motor with stirrer for uniform Temperature
•Stirrer Motor	: Of reputed make
•Inner chamber material	: Stainless Steel S.S. - 304 Grade with tempered glass
•Exterior body	: Fabricated from mild steel material, which is powder coated in attractive shades
•Illumination	: PL Lamp
•Accessories	: Supplied complete with Viscometer holders
•Accommodates	: 02 Nos of viscometers
•Electrical Requirements	: 220 volts, 50 Hz, AC Supply
•Power Consumption	: 1.5 KW

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