

ESTEEM INDUSTRIES INC.

PETROLEUM TESTING INSTRUMENTS

FLASH POINT APPARATUS



ESTA-FP101. FLASH POINT APPARATUS

AS Per IP-33 and IS-1448(p-20) Electrically Heated model with voltage Variac for control.

- ✦ Pensky Martene Flash Point Tester closed cup as per IP-34,ASTM D 93 & IS 1448(P-21)
Electrically heated model with motorized stirrer with digital temperature controller.

Cleveland Open Cup Flash & Fire Point Apparatus as per IP 36, **ESTA-fp101. Flash Point Apparatus**

- ✦ ,IS 1448 (P 69) Electrically heated model with voltage variac or Energy Regulator.
- ✦ We also manufacture complete range of oil & petrol testing equipment like:
- ✦ Acidity By Extraction
- ✦ Bomb Calorimeter
- ✦ Carbon Residue Conradson Or Ramsbottom
- ✦ Cloud & Pour Point
- ✦ Copper Strip Corrosion ,Silver Strip Corrosion
- ✦ Dean & Stark Apparatus

- ✱ Demulsification
- ✱ Dielectric Breakdown Voltage of Transformer Oils
- ✱ Distillation Appt. of petroleum products
- ✱ Existent Gum Bath
- ✱ Flow Cup with certificate and stand
- ✱ FIA Apparatus
- ✱ Oxidation Stability
- ✱ Reid Vapour Pressure Appt.
- ✱ Redwood Viscometer 1 & 2
- ✱ Sampling Bombs S.S
- ✱ Sediment By Extraction Appt.
- ✱ Smoke Point
- ✱ ASTM Thermometers
- ✱ Viscometers
- ✱ Drop Point & Softening Point Apparatus

BOMB CALORIMETER APPARATUS



Used for determination of combustion of heat of calorific value of the fuel & other organic material

- Designed as per specification of Institute of Petroleum BS 1016 standard IS no. 1350/1966
- Supplied complete with water jacket made of Brass/S.Steel sheet duly nickled chromium plated with bakelite Lid
- S.Steel Bomb, Bomb Jacket Water Colorimeter Vessel
- Motorised heavy duty stirrer for uniform Circulation
- Briquilt, Pettel Press heavy duty
- Firing unit with illuminator
- Vibrator & Buzzer, spanners, magnified glass with nickled nichrome wire & Cotton reel
- Gas Releasing Valve, S.Steel crucible
- Benzoic Acid with know calorific value
- Full feature digital controller & Safety device

Application:

Petroleum Industries / Department Coal industries / Department Educational Institute & Research Lab.

TECHNICAL SPECIFICATIONS :

Housing Material :Brass/ S.Steel duly Nickled Chromimum plated water jacket
S.S vessel S.S. Bomb, Water Vessel

Optional: Oxygen Cylinder

Power Consumption:220/230V, AC Supply Single Phase $\pm 10\%$ 50 Hz

Duty Cycle :Continuous

- ✳ Inside chamber dimensions are - 10.5cm diameter x 40.5cm height
- ✳ The device is suitable for operation on 230V, 50Hz, Single Phase A.C. supply

CLOUD & POUR POINT APPARATUS



As per IP 15 & 219 ASTM-D 2500& IS 1448 (P-10) refrigerated unit with three/four of 0 dg C, -17dgC, -34 dgC &-51dgC with PID controller. We also provid double test app,with SS Insulated body with dry ice.

DISTILLATION RANGE APPARATUS



It is used for petroleum products as per IP123, ASTM D 86 & IS 1448 (P-18) consist of electrically heated shield unit , SS cooling bath , stand & Asbestos board, we also provide doubled Distillation Apparatus.

RAMS BOTTOM CARBON RESIDUE APPARATUS



As per IP 14, ASTM D 524, & IS 1448(P-8) round bath of 14 inch diaX 10 inch height with electrically heating system with digital temp,controller for five cocking bulb .

REDWOOD VISCOMETER



These viscometers are designed for viscosity tests of petroleum Products. They conform to requirements of IP 70. Two adoption of Red Wood viscometer are available No. 1 for liquids having Red Wood flow 20 seconds to 2000 seconds and No. II for liquids whose flow time exceeds 2000 seconds and No. II for liquids whose flow time exceeds 2000 seconds. The complete out fit comprises hammer finished Stainless steel both with electrical heating arrangement suitable to operate at 220 Volts AC Mains with tap, silver plated oil cup with precision stainless steel jet, cup cover, ball valve, thermometer-clip. Stirrer and M.S. Sheet stand with leveling screws. As per IP 70 for determination the viscosity of lubricating & fuel oil with SS jet, electrically heated model with energy regulator, redwood viscometer NO.1 for viscosity below 2000 sec & redwood viscometer NO,2 for above 2000sec.

HAND REFRACTOMETER



Detailed Hand Refractometer Description

Specifications:

- a) Hand held
- b) Designed for testing juices, honey, beverages, salt water, cleaning fluid, brine, battery fluid, antifreeze, and industrial fluids

FLASH POINT - ABEL



Description: **ESTA-FPB101 FLASH POINT**

Electrical Heating, with gas test jet and electric heater with Energy regulator. Suitable for operation on 220V, single phase, 50Hz, AC Supply. For determining closed cup flash point of Petroleum products, their mixtures, other liquid and paints, having flash points between 19°C and 49°C. Each instrument bears a test certificate of the national physical laboratory and is supplied complete with an oil cup, cover fitted with gas test jet assembly, water bath and tripod stand, but without thermometer, in a wooden carrying case.

FLASH POINT (CLOSED) PENSKY-MARTENS APPARATUS



DESCRIPTION:

Pensky-Martens Apparatus with NPL Certificate, electrical heating, with gas test jet and electric heater with Energy regulator. Suitable for operation on 220, 50 Hz, Single Phase, AC Supply. Complete in wooden carrying case.

SAYBOLT VISCOMETER



DESCRIPTION: ESTA-SV101 ESTEEM SAY BOLD VISCOMETER

Saybolt Viscometer, electrically heated, ASTM D 88, D244, AASHTO T 72 for the empirical measurement of saybolt viscosity of Petroleum products at specified temperatures between 70° F and 210° F. This is also used for determining the saybolt furol viscosity of bituminous materials at temperatures of 250, 275, 300, 350, 400 and 450° F. It comprises one each of cylindrical oil cup, universal tip, furol tip, bath fitted with immersion heater mounted on a stand. Dimmerstat for temperature control, stirrer with shield. Complete with insulated handle and thermometer support, receiving flask, withdrawal tube, filter funnel, thermometer support for cup and circular spirit level. Suitable for operation on 220V. 50Hz, Single phase. AC supply.

STANDARD TAR VISCOMETER



DESCRIPTION: ESTA-STV101 STANDARD TAR VISCOMETER

For determining the viscosity of cut back bitumen and road oil. The viscometer consists of a chrome plated copper bath, with a drain valve and a central tube to receive the test cup and to position the stirrer, and is mounted on a stand with leveling feet. Stirrer has a curved shield and is provided with an insulated handle, thermometer socket and swivel support for the valve. Supplied complete with 10mm cup and ball valve or 4mm cup and ball valve as per the model required. The following models are available:

FLOW CUP



DESCRIPTION: ESTEEM FC101 ESTEEM FLOW CUP

Flow cup no. 4 without NPL calibration certificate. IS: 3944 Simple flow cup of the efflux type is used for approximate measurements of apparent viscosity for control for consistency during manufacture and use of paints, lacquers and viscous products. Flow cups with protective skirt are made from gun metal with stainless steel orifice and are equivalent to type B cups. Each cup is supplied complete with a stand having leveling screws.

VISIT US : WWW.ESTEEM.IND.IN

PAYMENT TERMS :

PAYMENT TERMS COMMON FOR ALL THE ABOVE MENTIONED MODELS

PAYMENT TERMS :

Who are our Bankers and what are our Banking particulars?

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Our Bankers are:

Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.
SWIFT CODE: UBININBBCHA

Esteem Industries INC. A/C No.: 398905010050309

May you like to Transfer Payment (T/T) to us, then depending upon the currency of remittance kindly choose one of the following methods:

PAYMENT PROCEDURE FOR USD \$

PAYMENT PROCEDURE : For making SWIFT Transfer payment of US\$ _____, please give the following information to your bank:

Intermediary Banks:

1. Citibank. New York ,Swift code: CITIUS33
2. Bank of America. New York, Swift code: BOFAUS3N
3. Bank of New York. New York, Swift code: IRUTUS3N
4. Standard Chartered Bank. New York, Swift code: SCBLUS33
5. JP Morgan Chase Bank. New York, Swift code: CHASUS33
6. American Express Bank. New York, Swift code: AEIBUS33

Beneficiary Bank:

Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.
Swift Code: UBININBBCHA
Beneficiary: Esteem Industries INC

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

PAYMENT PROCEDURE FOR GBP £

PAYMENT PROCEDURE : For making payment of Sterling Pound £ _____, please give the following information to your bank:

Intermediary Banks:

1. National Westminster Bank. London, Swift code: NWBKGB2L
2. HSBC London (Midlands), Swift code: MIDLGB22

Beneficiary Bank: Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.

Swift Code: UBININBBCHA
Beneficiary: **Esteem Industries INC**

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

PAYMENT PROCEDURE FOR EURO

PAYMENT PROCEDURE : For making payment of Euro_____, please give the following information to your bank:

Intermediary Bank:

1. Commorz Bank Dusseldorf Germany, Swift code: COBADEDD
2. Bank commercial Italiana, Swift code: BCITITMM
3. Societe Generale Paris, Swift code: SOGEFRPP
4. ABN Amro Bank. Amsterdam, Swift code: ABNANL2A

Beneficiary Bank: Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.

Swift Code: UBININBBCHA
Beneficiary: **Esteem Industries INC**
Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

Note: Please make sure we are INFORMED before and after sending any payment to our Bank Account.

E-MAIL : INFO@ESTEEM.IND.IN

