

## OIL AND PETROLEUM TESTING INSTRUMENTS

### CLOUD AND POUR POINT APPARATUS



This is made according to specification laid by IP 15 & IS 1448 (P: 10) 1970. The pour point is lowest temperature at which the oil will just fail to flow. The apparatus Consists main cooling bath made of S.S sheet and stand unit with drain plug and cover has provision for fitting thermometer and a filling aperture of adding freezing mixture. A Glass jar for containing oils, Jacket, disc and gasket as specified are also provided.

152 Cloud & Pour Single with Insulated Body

153 Cloud & Pour Point Two Test with Insulated Body

154 Cloud & Pour Point Four with Insulated Body

155 Cloud Pour Point App. WITH REFRIGERATION

### CLEAVELAND FLASH POINT & FIRE POINT APPARATUS



This apparatus is used for determination of flash point and fire point of petroleum products except fuel Oil with open cup flash below 80°C as per specification IP 36 and IS : 1448 (P:69) 1969. The apparatus consists of a cup, heating plate to specific dimension thermometer clip and test flame attachment with swivel joint for passing over test liquid surface in the prescribed manner, Heating is controlled by means of energy regulator fitted to the apparatus. Suitable for operation on 220 Volts 50 cycles AC Circuits

### ABELS FLASH POINT APPARATUS

This apparatus is suitable for determining the close cup flash point of petroleum and mixtures according to IP 33 and IP 170 and also IS 1448 (Part 1) 1985 (P:20). It is suitable for oils whose flashes below 70 °C. It is supplied with oil cup, cover fitted with stirrer, thermometer socket S.S. Water Bath, Stand. An electric heater is fitted at bottom for operation on 220 Volts AC Circuits.



### PENSKY MARTEN FLASH POINT APPARATUS

This apparatus is made as per IP 34, ASTM D-93 and IS 1448 (Part I) 1270 (P.21) and IS 1209-1953 method B. The apparatus consists of brass test cup with handle removable cup cover with spring operated rotating shutter having Oil Test Jet/Gas Test Jet Flame Device, stirrer with flexible shaft. The Assembly rests in Air Bath which is covered with Dome shape metal top. The cup is fitted with insulated Handle and locking arrangement near Cup flange. The assemble is kept on round shape electric heater with temp. regulator. Suitable for operation on 220 Volts 50 cycles AC Circuits

