



## ●● HF60.45

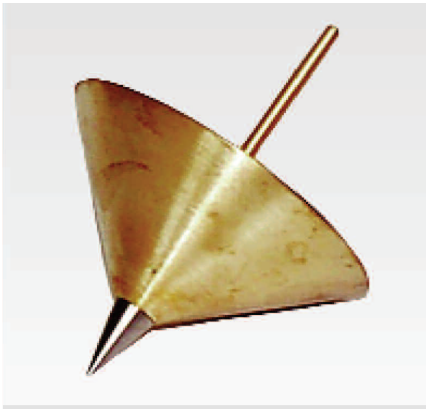
### Penetrometer Accessories:

## ●● HF60.45.1

### Penetrometer Cone

IS 1448 (P:60) and IP : 50

It is used in estimating the consistency of lubricating grease and petroleum.



HF 60.45.1

## ●● HF60.45.2

### Penetrometer Needle

IS : 1203-1958

It is highly polished and tapered steel rod mounted in brass shank to fit into the plunger of penetrometer.

## ●● HF60.45.3

### Bitumen Penetration Kit

Bitumen Penetration Kit for determining the consistency of semi-solid bituminous materials.

It consists of a standard penetration needle mounted in a brass shank, a transfer dish 90 mm dia x 70 mm deep approx and two aluminium sample containers 55 mm dia x 35 mm deep and 55 mm dia x 57 mm deep.

## ●● HF60.45.4

### Transistorised Penetrometer Controller or Timer

This unit supplies 220V, D.C. output exactly for 5 seconds to a timing head (Built in Electromagnet). The timer head allows the

plunger rod to fall freely for 5 seconds and clamps it automatically after 5 seconds.

Suitable for operation on 220V, 50 Hz, single phase supply.

## ●● HF60.50

### Grease Worker (Hand Operated)

IS : 1448 (P:60) IP:50, astm d-217

It is used for working the grease. It can also be used as a container when measuring the penetration of petrolatum.

It consists of a worker pot in brass casting, a workertop and a perforated plate fixed to a rod which moves freely in the worker top.

All the above are fixed to a rod which moves freely through the top plate.

## ●● HF60.60

### Cutter for Block Grease ASTM D-217

For trimming the grease block for penetration tests.

It consists of a base on which two pillars are mounted vertically. A cutting blade fixed to two guides slides freely on the two pillars. An 'L' bracket is fixed on one side of the base at right angles to the blade and it acts as a guiding edge for the block. A handle is welded in between the blade guides. A maximum block of 150 mm x 100 mm cross section can be accommodated in this cutter.

## ●● HF60.65

### Stop Watch Holder (Bench Type)

It is made of cast aluminium. The push button operates the watch for start, stop and reset by a single lever mechanism which is adjustable for different watch sizes. Supplied without stop watch.