

## LENGTH COMPARATOR



**As Per IS 9459 - 1980; IS 4031 (Part - X) - 1988; IS 1199 - 1959.**

It is used to measure the drying shrinkage of concrete autoclave expansion of Portland cement and potential expansive reactivity of cement aggregate combinations in mortar bars during storage, on self-drying.

The instrument consists of a channel base over which two vertical pillars are fixed. An adjustable cross plate is at the top. A Dial Gauge, reading 0.002mm x 12mm or 5mm can be fixed at the top across the plate. The plunger end of the Dial Gauge can be located upon a 6.5mm Dia ball or other reference point cemented in the specimen. On the base there is a similar recessed seating in which can be placed a second ball or reference point in the specimen.

Complete with a stainless steel standardization bar with grip and with 6.5mm Dia balls mounted in the ends.

**AIC-LCP-D12001Y. LENGTH COMPARATOR. DIGITAL. 12mm x 0.001mm.**

Fitted with 'YUZUKI' make Digital Gauge having capacity of 12mm and Least Count of 0.001mm.

**AIC-LCP-A12002B. LENGTH COMPARATOR. ANALOGUE. 12mm x 0.002mm.**

Fitted with 'Baker' make Dial Gauge having capacity of 12mm and Least Count of 0.002mm.

**AIC-LCP-A05002K. LENGTH COMPARATOR. ANALOGUE. 05mm x 0.002mm.**

Fitted with 'KANN' make Dial Gauge having capacity of 05mm and Least Count of 0.002mm.

**AIC-LCP-A1001K. LENGTH COMPARATOR. ANALOGUE. 10mm x 0.01mm.**

Fitted with 'KANN' make Dial Gauge having capacity of 10mm and Least Count of 0.01mm.

## FLOW TABLES FOR HYDRAULIC CEMENT

**As Per IS 5512 - 1983.**

This flow table is used in making flow tests for consistency of mortars in tests of hydraulic cements and pozzolanic materials.

The Flow Table Consists of a Brass Table Top  $250 \pm 2.5$ mm Dia mounted on a rigid stand. The tabletop is re-enforced with equally disposed ribs and allowed to drop through 12mm by a ground and hardened cam. Complete with mould 100mm base Dia, 70mm top Dia and 50mm High.

**AIC-FTHC-250HO FLOW TABLES FOR HYDRAULIC CEMENT. H.O.**

Hand Operated. Camshaft is rotated with handle.

**AIC-FTHC-250EL FLOW TABLES FOR HYDRAULIC CEMENT ELECTRICALLY OPERATED.**

Camshaft is rotated at the rate of 100rpm by an electric Motor. Suitable for operation on 230Volts, 50Hz, Single Phase, A.C. Supply.



## FLOW TABLES FOR BUILDING LIMES

**As Per IS 6932 (Part VIII) - 1973.**

It is used for the method of determination of workability of building limes.

**AIC-FTBL-HO300. FLOW TABLES FOR BUILDING LIMES. H.O.**

Consists of a steel table top having 300mm Dia ground and polished with three inscribed annular circles 70, 110 and 190mm Dia arranged by cam action having a free fall of 12.5mm. Complete with conical mould 65mm Dia of larger end, 40mm Dia of narrow, 90mm High.

