



## LENGTH COMPARATOR WITH DIAL GAUGE-IS 9459, IS 4031, ASTM C490

### Compliance Standards:

IS 4031, IS 9459, ASTM C452, ASTM C151, ASTM C490

### Application:

To measure length change in hardened cement paste, mortar and concrete, using a suitable micrometer.

### Apparatus Details:

- The instrument consists of channeled base, over which two vertical pillars are fixed.
- The vertical pillars are threaded for adjustment.
- An adjustable cross plate is at the top.
- **A dial gauge, reading to 0.002 mm x 5 mm is fixed to the top.**
- **The plunger end of the dial Gauge can be located up on a 6 mm diameter 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 insulated grip and with 6.00 mm diameter ball mounted in the ends.



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