

LONGITUDINAL COMPRESSO METER

BE 57

Longitudinal Compressometer The described apparatus is a **Compressometer**, used for determining the strain and deformation characteristics of cement concrete cylindrical specimens (150 mm diameter x 300 mm length). Consists of two frames clamped to the specimen using five tightening screws with hardened, tapered ends. Two spacers maintain the frames' alignment. An adjustable pivot rod rests on pivot screws, kept in contact by a spring. A ball chain adjusts the spring's tension. A dial gauge (0.002 mm sensitivity, 10 mm range) is mounted on a bracket attached to the top frame to measure deformation. Supplied complete with the dial gauge in a wooden carrying case. This setup allows precise measurement of axial deformation under compressive loads, enabling the calculation of strain and other mechanical properties of the concrete specimen.

FOLLOWING STANDARD

ASTM-C469



BALAJI ENGINEERING WORKS