

STRAIN GAUGE

The mechanical strain gauge is used to measure the shrinkage of drying concrete. The instrument frame is made of aluminum alloy and has five master settings of 2", 4", 6", 8", and 10" that are easily set for gauging. The dial indicator has a minimum graduation of .0001". The effective range of strain is .3" and a maximum linear measurement of .4". The gauge is also available in a metric model (**C6991**) with settings of 5,10, 15, 20, and 25 cms. The indicator is graduated in .002mm. The strain gauge is furnished with 8 inserts, 2 contact seats and a carrying case.



MODELS	DESCRIPTION	STANDARDS
C6981	STRAIN GAUGE, ENGLISH	ASTM C-426
C6981D	STRAIN GAUGE, DIGITAL DUAL INDICATOR	
C6991	STRAIN GAUGE, METRIC	

ACCESSORIES	DESCRIPTION
C6982	MASTER BAR, ENGLISH
C6983	MASTER BAR, METRIC
C6984	PUNCH BAR, ENGLISH
C6985	PUNCH BAR, METRIC
C6986	CONTACT SEAT
C6987	CONTACT POINT
C6988	INSERTS, 100/PKG

CORE LENGTH DEVICE

The **C7051** Core Length Device is used for measuring the length of cores drilled from concrete structures or pavements. This is especially important for determining the thickness of pavements and other slab construction. Measurements made are averaged and reported as the length of concrete core. The apparatus is essentially as per Federal Highway Administration design and consists of a base and turntable with three support studs, two grooved rods, upper support plate and height gage. The apparatus can measure concrete specimens 4-10" long.



MODELS	DESCRIPTION	STANDARDS
C7051	CORE LENGTH DEVICE	ASTM C-174 / AASHTO T-149

CONCRETE MICROMETER

The **C7055** concrete micrometer is used for accurately measuring the diameter of concrete cylinders. The micrometer has spindles that are constructed from hardened steel while the thimble and sleeve sections are chrome finish. The instrument has a range of 5.5 to 6.5"; graduations and numbers are black and are readable to hundreds or thousandths in decimals.



MODELS	DESCRIPTION
C7055	CONCRETE MICROMETER