

Soil Compression Gauges

CTLGroup's Soil Compression Gauges are designed to withstand the rigors of compaction loads associated with the construction of pavement layers. Individual soil compression gages can be used in conjunction with CTLGroup's multi-depth deflectometer, (SnapMDD) to provide additional layer deflections throughout the area of interest. The soil compression gage can also be a cost-effective alternative to the SnapMDD in applications where soil layer deflections are needed at only singular points. The soil gage utilizes industry standard electronics for connection to simple readout devices and widely available data loggers.

General Specifications

Transducer Travel Range	Typically 1 in., customer selectable
Gauge Length	Typically 6 in., customer selectable
Gauge Resistance	1500 ohms per in.
Excitation	10 volt nominal, up to 30 volts DC
Output	Proportional to excitation
Connection	3-wire or 4-wire potentiometer

Quality Assurance

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