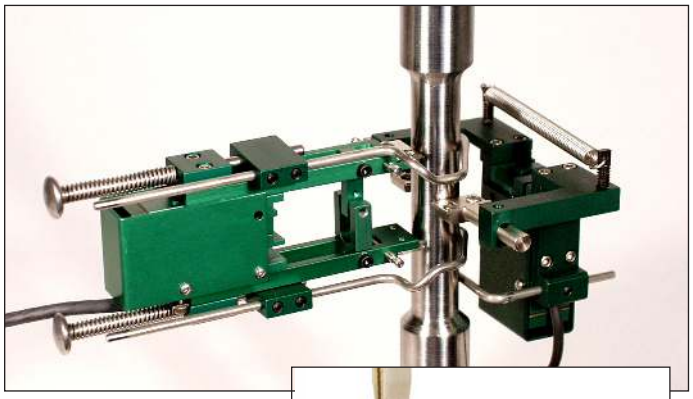
STRAIN GAGE TYPE EXTENSOMETERS

Extensometers measure strain, the change in length of a specimen divided by the original length (gauge length) of the specimen. An extensometer measures strain by means of knife edges which contact the sample. This series of extensometer comprises strain gaged devices

The models in this series of extensometer can be used to measure either longitudinal or transverse strain, or can be used in combination for determining 'r'-value and Poisson's ratio.

Key advantages of using strain gage type extensometers are as follows:
- Can be left on specimen through failure
- Lightweight to minimize any influence on the test
- Low operating force
- Rugged construction to withstand rigors of operation.



SG Models - English Units

Model	Measuring Range	Gage Length	Direction
SG-20%-2	20%	2in	Longitudinal
SG-20%-1.4	20%	1.4in	Longitudinal
SG-20%-1	20%	1in	Longitudinal
SG-20%-0.5	20%	0.5in	Longitudinal
SG-50%-2	50%	2in	Longitudinal
SGT-10%-1	+/- 0.1in	0 to 1in	Transverse

SGM Models - Metric Units

Model	Measuring Range	Gage Length	Direction
SGM-20%-50	20%	50mm	Longitudinal
SGM-20%-25	20%	25mm	Longitudinal
SGM-20%-80	20%	80mm	Longitudinal
SGM-50%-80	50%	80mm	Longitudinal
SGM-50%-50	50%	50mm	Longitudinal
SGM-100%-50	100%	50mm	Longitudinal
SGMT-10%-25	+/-2.5mm	0 - 25mm	Transverse

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