

STRAIN GAUGE METHOD

They provide a very accurate electrical signal, strictly proportional to the strain of the specimen submitted to load application, for determining the Elastic Modulus and strength characteristics as alternative to the Compressometer-Extensometers which can be used only on samples with minimum dia.75mm and minimum height 160mm. They can be applied to the specimen surface by a special Adhesive-Catalyst agent and other accessories.

Up to 4 strain gauges $\frac{1}{4}$ bridge, and up to 8 $\frac{1}{2}$ bridge, can be directly connected by one or two interfaces to our automatic control consoles MCC or Automax Multitest which are suitable for cyclic loading and automatic determination of the Modulus of Elasticity.

Strain gauges can also be connected, by one or two interfaces, to a suitable data logger as, when the load application on the specimen is performed with Automatic compression testers as, for example the AUTOMAX PRO and PILOT PRO models. In this case, one of the channels of the Datalog should be used for the load signal coming from an additional pressure transducer with selecting valve fitted to the compression tester.

Please get in touch with our technicians for complete information and service.

ORDERING CODE

PL-60

TML STRAIN GAUGE PL-60

PL-90

TML STRAIN GAUGE PL-90

PL-120

TML STRAIN GAUGE PL-120

82-P0398

Compensation device for up to 4 Wheatstone bridges with $\frac{1}{4}$ or $\frac{1}{2}$ bridge setup



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