

MECHANICAL STRAIN GAUGE

Description

The mechanical strain gauge consists of a highly repeatable measuring tool that is also removable. During deformability tests by using flat jacks, the mechanical strain gauge (usually with a measurement base of 250 mm) is used for the detection of convergence measures across the cutting in which the jacks are introduced. It consists of a stainless steel bar with two heads with cone points mounted at each end. One of the heads is fixed, while the other is free to flow, minimizing backlash thanks to high-precision mechanics. The cone points of the instrument should be placed in the small holes of special stainless steel pillars that should be applied, using the template provided, to the structure that needs to be checked with the adhesive supplied.

The equipment consists of:

- a full digital mechanical strain gauge
- a steel calibration bar with a low expansion coefficient
- a space template for placement of disks
- 50 reference disks
- adhesive for attaching disks

All parts are contained in a practical, robust, watertight carrying case.



Please specify

CODE	PRODUCT DESCRIPTION
DEF-250	Digital strain gauge, lenght 250 mm
DEF-500	Stronghold to paste
DEF-600	Stronghold to resine

Technical Features

Measurement base	250 mm - 350 mm
Material	Stainless steel
Reading	digital
Indicator	Millesimal Borletti
Working	> 40 lux
Range	12,7 mm
Resolution	0,001 mm
Accuracy	+/- 0.001 mm
Calibration bar	RIGOR steel
Case	IP67 plastic

For further information:

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