



ACCESSORIES:

MFA2-01-110

ADDITIONAL CLAMPING DEVICE

For Round Samples from \varnothing da 30 to 60 mm
 For Flat Samples from 30x30 to mm 60x60 mm

MFA 2

EXTENSOMETER max stroke 2 mm

The MFA2 linear strain gauge is suitable for virtually all tests above an initial instrument measuring length (L_e) of 25 mm. Its measuring accuracy exceeds all requirements set down by standard EN ISO 9513. Its design, which has been tried and tested over many years of use, guarantees a high level of reliability and a long service life, even under difficult operating conditions. The MFA is particularly suitable for determining the module of elasticity, proof stress and ultimate strain. The MFA is fast, straight forward and easy to use, and therefore enables large numbers of tests to be carried out.

Technical data

Accuracy class EN ISO 9513: 0.2
 Measuring principle Strain gauge full bridge
 Measuring path for tensile test: 2 mm
 Standard initial length L_e : 30 (25)** and 50 mm
 Measuring path for pressure test to be agreed
 Indication error * 0.2 %
 Indication error * 0.6 μ m
 Error in initial measuring instrument length < 50 μ m
 Sensitivity 2 mV/V
 Rated resistance of bridge 350 Ohm
 Max. voltage input 10 V
 Actuation force 10 - 60 cN
 Cable length 5 m
 Weight: 190 g

* The greater value is permissible

** By turning the blades through 180 degrees

Standard using for sample type :

Circular 0 to 30 mm

Flat 0 to 30 x 30 mm

**For samples with dimensions up to 60 mm

See additional accessories

With special clamping device 0 to 60 mm

With special clamping device 0 to 60 mm thickness and 60 mm width

Others Initial length L_e and accessories on request.

Delivery scope

- 1 Extension arm, L_e 30 (25*) mm
- 1 Extension arm, L_e 50 mm
- 1 Double clamping device
- 3 Spare fixing screws, M3 T10
- 1 TORX screwdriver, T10
- 1 Specification Sheet
- 1 Storage case