

Long gauge length extensometer

**2-range long gauge length extensometer MFN-A 4/500 mm
measured displacement, manual**





Order number	15-100-010
Applications	The MFN-A 4/500mm is equipped with a digital measuring system. The MFN-A 4/500mm is preferentially used for determining the yield points and elongation after fracture of ductile metals and plastics. Determination of Young's modulus is possible with the MFN- A 4/500mm using the high resolution measuring range. The measuring arms open and close manually.

Accuracy class	1 according EN ISO 9513 (optional 0,5)
Measuring principle	DMS-full bridge / potentiometric
Measured displacement	High precision measuring range: 4mm / Low precision measuring range: 500mm
Indication error (by display value)	0,2 % (0,5 % from 4 mm displacement)
Error from ultimate value	0,02 %
Indication error	0,6 µm
Linearity error	0,01 %
Actuating force	20 cN
Standard initial device gauge length	10,15,20,25,30,40,50,60,70,80,90,100 mm
Specimen diameter	0-30 mm
Specimen thickness	0-30 mm
Specimen width	0-70 mm
Included in delivery	Extensometer complete with electronics
	(installed in the control box of the machine)
	1 plug gauge for Lo=50mm included
	further plug gauges for other Lo optional

Accessories (to be ordered separately)

15-004-941	Mount for MFN on inspekt table 20/30/50kN , fixed
15-030-004	Mount for MFL/MFN on inspekt 100 to 300-1 kN, in centre, fixed height