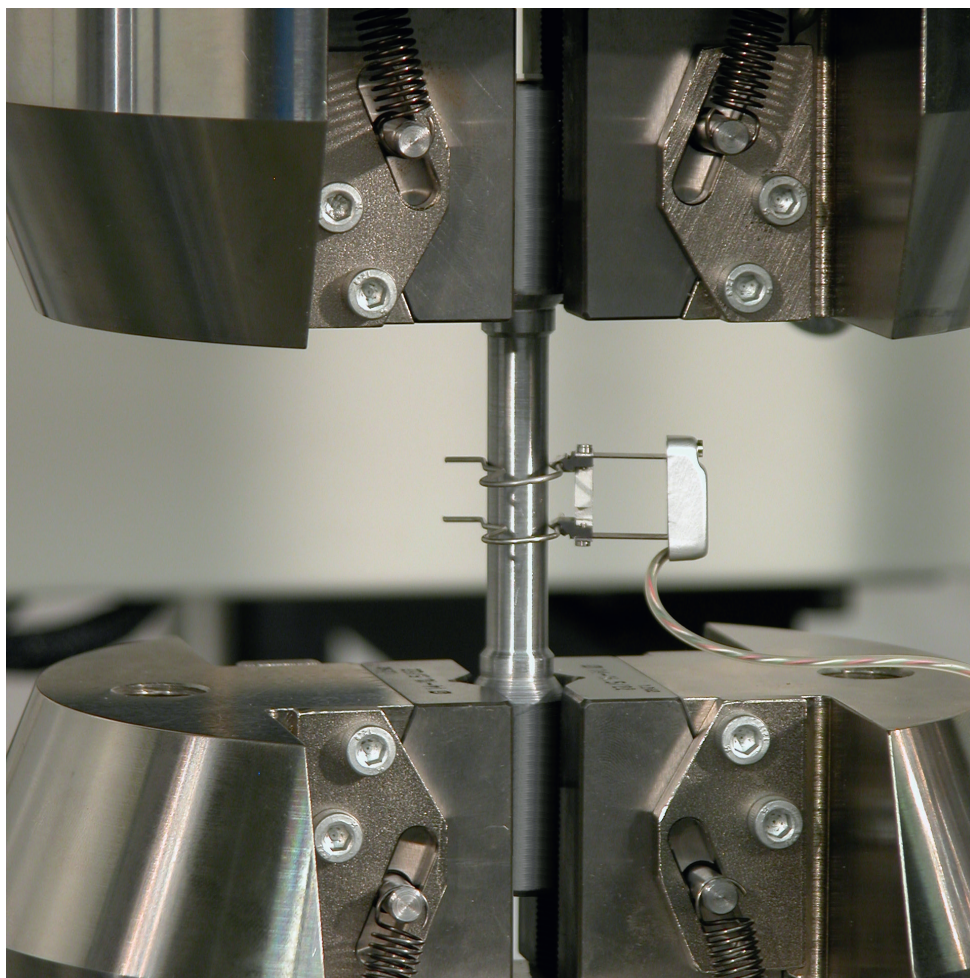


Axial Extensometers Series EXA

This extensometer was specially developed for testing new materials, such as carbon fibers, ceramics, a.s.o. as well as for determining the properties of organic materials.

It is characterised by very low weight, high natural frequency, and a high accuracy of ± 0.1 % of full scale. Gauge length ranging from 10 mm up to 100 mm with measuring displacements from ± 0.25 mm to ± 10 mm.

It will even allow dynamic endurance strength tests on very small specimens to be performed without giving problems. Attachment springs supplied will ensure quick and safe attachment to the specimen. The standard 60° knife edges can be replaced when worn in a matter of minutes. Upon special request, knife edges are available with different angles and supports and/or in other materials.



Delivery including:

- Extensometer in storage case with 500 mm cable and Lemosa plug
- Attachment springs for round and flat specimens of 1 – 18 mm
- Screw driver
- Nylon string
- Interlocking pin or gauge block
- Data sheet giving all extensometer-specific data as regards hysteresis, measurement error, and sensitivity.

w+b Materials Testing Systems

Model Number	EX	A	10	0.25	X	O
Extensometer						
Axial						
Gauge length mm						
Measuring displacement ± mm						
Temperature Ranges						

Model Type	Gauge length [mm]	Measuring Displacement [±mm]	Measuring Error of full scale [±%]	Natural Frequenc [Hz]	Activation Force [N]	Weight [g]	Dimensions		
							L	W	H
							[mm]		
EXA 10-0.25	10	0.25	0.1	500	3	5	20	10	15
EXA 10-0.5	10	0.5	0.3	500	3	5	20	10	15
EXA 10-1	10	1	0.25	250	3	6	20	10	21
EXA 10-2	10	2	0.25	100	3	7	20	10	29
EXA 10-5	10	5	0.30	40	0.7	12	20	10	65
EXA 15-0.5	15	0.5	0.25	500	3	5	20	10	20
EXA 15-1	15	1	0.3	250	3	5	20	10	20
EXA 15-2	15	2	0.3	100	3	6	20	10	32
EXA 15-4	15	4	0.3	40	0.7	12	20	10	65
EXA 20-0.625	20	0.625	0.2	500	3	7	34	10	25
EXA 20-1.25	20	1.25	0.2	500	3	7	34	10	25
EXA 20-2.55	20	2.55	0.2	250	3	8	34	10	31
EXA 20-5	20	5	0.3	100	3	9	34	10	45
EXA 20-10	20	10	0.1	40	0.7	14	34	10	68
EXA 25-0.625	25	0.625	0.2	500	3	7	34	10	25
EXA 25-1.25	25	1.25	0.2	500	3	7	34	10	25
EXA 25-2.5	25	2.55	0.2	250	3	8	34	10	31
EXA 25-5	25	5	0.2	100	3	9	34	10	45
EXA 25-10	25	10	0.3	40	0.7	14	34	10	65
EXA 30-0.625	30	0.625	0.1	500	3	7	34	10	25
EXA 30-1.25	30	1.25	0.25	500	3	7	34	10	25
EXA 30-2.5	30	2.5	0.25	250	3	8	34	10	31
EXA 30-5	30	5	0.25	100	3	9	34	10	45
EXA 30-10	30	10	0.3	40	0.7	14	34	10	65
EXA 40-4	40	4	0.2	250	2.5	22	44	10	40
EXA 50-5	50	5	0.2	250	2.5	24	54	10	46
EXA 60-6	60	6	0.2	250	2.5	28	64	10	53
EXA 70-7	70	7	0.2	250	2.5	31	74	10	60
EXA 80-8	80	8	0.2	250	2.5	33	84	10	68
EXA 90-9	90	9	0.2	250	2.5	36	94	10	76
EXA 100-10	100	10	0.2	250	2.5	38	105	10	82

All measuring errors include Hysteresis and Nonlinearity related to full scale. Alternating loads are liable to increase measuring errors. Subject to technical modifications.