

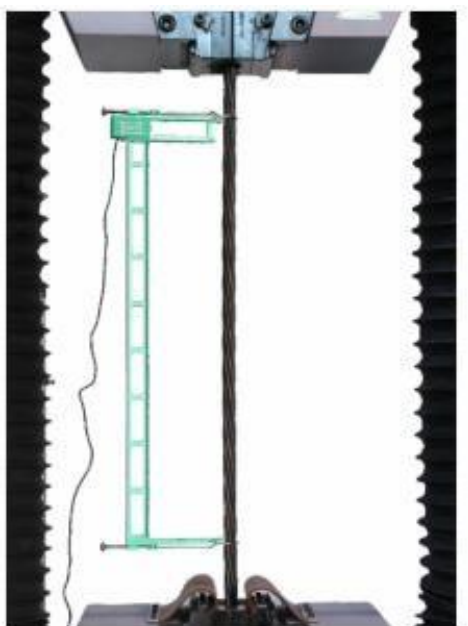
WANCE designs and manufactures clip-on strain gauge type of extensometer which provides cost effective solution for extension measurement.

It includes different gauge length and strain range options to suit a wide range of specimen characteristics. All extensometers comply with both the ASTM E 83 and ISO 9513 standards. Calibration certificates are supplied, showing the individual performance of each unit at its factory calibration.

These extensometers offer speed of attachment and ease-of-use. The light-weight, rugged cross-brace design eliminates errors caused by physical distortion, while built-in protection ensures that damage is not caused by over-extension. The low operating-force arms of the extensometer reduce the possibility of knife-edge slippage when testing hard or smooth surfaced materials. The extensometers can be installed or set in place accurately and consistently with hook, ensuring speed and reliability of operation. These extensometers are used to measure positive strain of tensile testing.



Normal tensile test



Stranded wire tensile test



Coupler slip test

Type	Model	Gauge length (mm)	Maximum travel (mm)	Size (mm)	Weight (kg)
Tensile test	EX12.505	12.5	5	125×45×45	0.1
	EX01505	15	5	125×45×45	0.1
	EX02010	20	10	145×45×45	0.12
	EX02505	25	5	125×45×45	0.1
	EX02510	25	10	145×45×45	0.12
	EX02512.5	25	12.5	145×45×45	0.12
	EX05005	50	5	125×70×45	0.14
	EX05010	50	10	145×70×45	0.14
	EX05025	50	25	220×70×45	0.16
	EX07525	75	25	220×95×45	0.16
	EX10005	100	5	125×120×45	0.14
	EX10010	100	10	145×120×45	0.14
	EX10025	100	25	220×120×45	0.16
	EX20010	200	10	145×220×45	0.15
	EX20020	200	20	220×220×45	0.17
	EX22020	220	20	220×240×45	0.17
	EX25010	250	10	145×270×45	0.16
	EX25025	250	25	220×270×45	0.19
Stranded wire tensile	EX50010	500	10	145×520×45	0.18
	EX50025	500	25	220×520×45	0.21
	EX60010	600	10	145×620×45	0.2
	EX60025	600	25	220×620×45	0.23
Concrete modulus extensometer	EX2V15005	150	5	155x200x170	0.22
Coupler slip test	EX-50-260/4	50-260	4	210x160x60	0.38
High temperature extensometer	EX-50/25-05G	50/25	5	330x150x70	0.95

Accuracy	Better than 0.5%
Output sensitivity	1~3mV/V
Gauge length relative error	±0.5%
Relative/absolute resolution	0.25% / ±0.5μm
Relative/absolute bias error	0.5% / ±1.5μm
Safe load	120%
Input impedance	355Ω
Output impedance	355 Ω
Insulation resistance	≥200MΩ
Recommended excitation voltage	5V
Maximum excitation voltage	10V
Lead length	3m
Lead color	Excitation: Red + /Black – Output: Blue + / White -