

Linear Scale AT212

Series 539 - Range 50-1020mm

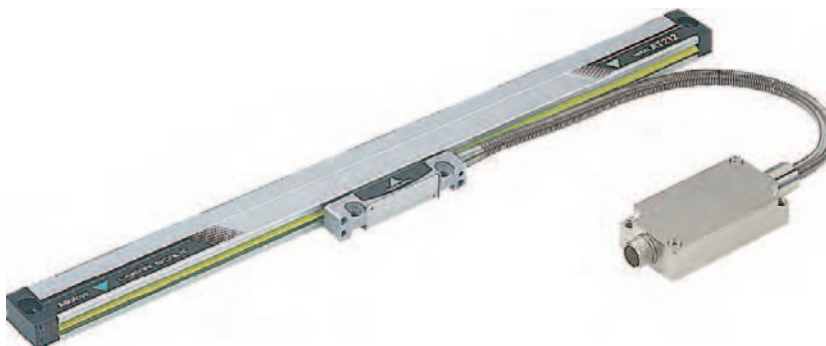
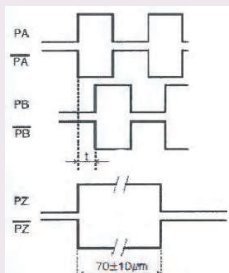
Super Slim Sealed Type

- Super slim, sealed type incremental linear scales suitable for feedback systems in NC machine tools (dimensions are equivalent to that of the AT112 linear scales).
- Direct connection with NC machine tools is possible.
- Contact Mitutoyo for other dimensions.



Specifications

Effective range (L0)	50-1020 mm
Accuracy at 20°C	(3+3L/1000) μm
	L = Effective range (mm)
Max. drive speed	50 m/min
Scale reference points	50 mm
Signal period	20 μm
Resolution	0,5; 1 μm
Output waveform	Two 90° phase-shifted quadrature signals



AT-212

No.
AT-212

ABSOLUTE Linear Scale AT300

Series 539 - Range 100-3000mm

- Sealed type, ABSOLUTE linear scales with very fine resolution down to 0,05μm.
- Direct connection with NC machine tools is possible.
- ABS AT303: Supports Mitutoyo standard serial interface.
- ABS AT343: Supports Mitsubishi Electric high-speed serial interface.
- ABS AT353: Supports Fanuc high-speed serial interface.
- Contact Mitutoyo for installation dimensions.

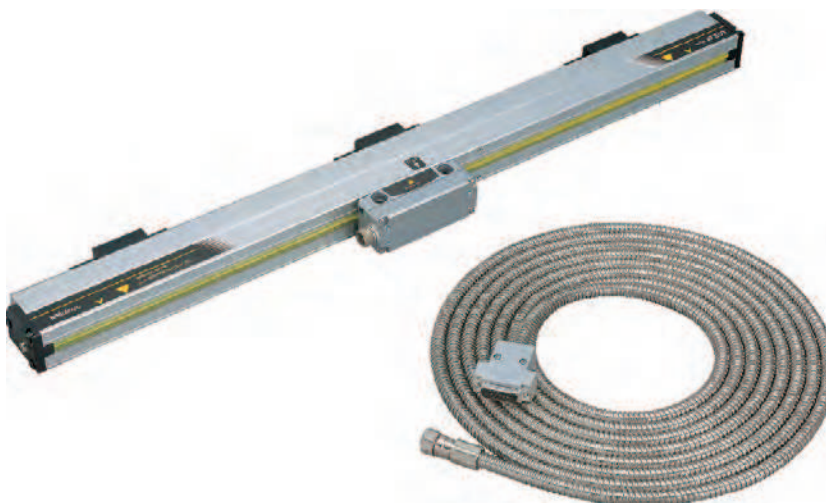


Specifications

Effective range (L0)	100 - 3000 mm
Accuracy at 20°C	100 to 1500 mm (3+3L/1000) μm
	1600 to 3000 mm (5+5L/1000) μm
	L = Effective range (mm)
Max. drive speed	120 m/min
Resolution	0,05 μm
Signal period	20 μm



Refer to the NC Linear Scale brochure for more details



AT300

No.
AT300*