

Linear Scales

Linear Scales AT113
SERIES 539 — Slim Type



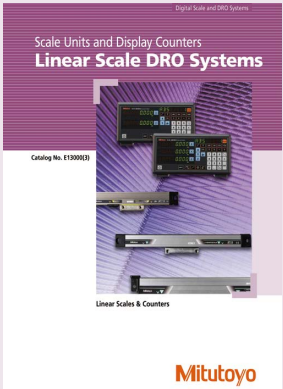
- Slim type with unit sectional dimensions of 22×35 mm.
- Connectable to the **KA-200** counter or **PSU-200**.

SPECIFICATIONS

Model	AT113
Effective range	100 to 1500 mm
Accuracy (20 °C)	(5 + 5L ₀ /1000) μm
Output signal	Two 90° phase-shifted sinusoidal signals
Maximum response speed	120 m/min
Signal output pitch	20 μm
Scale reference point	Output in 50 mm pitch
Operating temperature	0 to 45 °C

Note 1: High precision model **AT113F** (JIS Class 0, 3 + 3L₀/1000) μm is also available to special order.
Note 2: Ultra-high precision model **AT113S** (2 + 2L₀/1000) μm is also available to special order for the effective range 100 to 500 mm.
Note 3: The indication accuracy does not include quantizing error. L₀=Effective range (mm)

AT113		Effective range L ₀ (mm)	Signal cable length (m)
Order No.	Model		
539-201-30	AT113-100	100 (4 in)	3
539-202-30	AT113-150	150 (6 in)	
539-203-30	AT113-200	200 (8 in)	
539-204-30	AT113-250	250 (10 in)	
539-205-30	AT113-300	300 (12 in)	
539-206-30	AT113-350	350 (14 in)	
539-207-30	AT113-400	400 (16 in)	
539-208-30	AT113-450	450 (18 in)	
539-209-30	AT113-500	500 (20 in)	
539-211-30	AT113-600	600 (24 in)	
539-213-30	AT113-700	700 (28 in)	
539-214-30	AT113-750	750 (30 in)	
539-215-30	AT113-800	800 (32 in)	
539-216-30	AT113-900	900 (36 in)	
539-217-30	AT113-1000	1000 (40 in)	5
539-218-30	AT113-1100	1100 (44 in)	
539-219-30	AT113-1200	1200 (48 in)	
539-220-30	AT113-1300	1300 (52 in)	
539-221-30	AT113-1400	1400 (56 in)	
539-222-30	AT113-1500	1500 (60 in)	



Refer to the Linear Scale DRO Systems Brochure (**E13000**) for more details.