



LINEAR SCALE

Technical specification

Model	Resolution	Speed (m/min)	Section size A×B
ISL-A1	1μm/40μin	50	21×61.5mm (0.83×2.42")
ISL-A5	5μm/200μin	90	21×61.5mm (0.83×2.42")
ISL-A05	0.5μm/20μin	30	21×61.5mm (0.83×2.42")
ISL-B1	1μm/40μin	60	29×66.8mm (1.14×2.63")
ISL-B5	5μm/200μin	60	29×66.8mm (1.14×2.63")
Scale grating pitch	20μm		
Scale reference point pitch	50mm		
Accuracy	±(5+5L/1000)μm L is the effective range in mm		
Working temperature	0° - 40°C (32°F-104°F)		

Standard delivery

Main unit	1pc
'L' shape support	1pc
Anti-dust cover	1pc
Flat base	1pc (for scales≥1500mm)
Fixing screws	1set



Code					Effective range
ISL-A1	ISL-A5	ISL-A05	ISL-B1	ISL-B5	
ISL-A1-50	ISL-A5-50	ISL-A05-50	ISL-B1-50	ISL-B5-50	50mm/2"
ISL-A1-100	ISL-A5-100	ISL-A05-100	ISL-B1-100	ISL-B5-100	100mm/4"
ISL-A1-150	ISL-A5-150	ISL-A05-150	ISL-B1-150	ISL-B5-150	150mm/6"
ISL-A1-200	ISL-A5-200	ISL-A05-200	ISL-B1-200	ISL-B5-200	200mm/8"
ISL-A1-250	ISL-A5-250	ISL-A05-250	ISL-B1-250	ISL-B5-250	250mm/10"
ISL-A1-300	ISL-A5-300	ISL-A05-300	ISL-B1-300	ISL-B5-300	300mm/12"
ISL-A1-350	ISL-A5-350	ISL-A05-350	ISL-B1-350	ISL-B5-350	350mm/14"
ISL-A1-400	ISL-A5-400	ISL-A05-400	ISL-B1-400	ISL-B5-400	400mm/16"
ISL-A1-450	ISL-A5-450	ISL-A05-450	ISL-B1-450	ISL-B5-450	450mm/18"
ISL-A1-500	ISL-A5-500	ISL-A05-500	ISL-B1-500	ISL-B5-500	500mm/20"
ISL-A1-550	ISL-A5-550	ISL-A05-550	ISL-B1-550	ISL-B5-550	550mm/22"
ISL-A1-600	ISL-A5-600	ISL-A05-600	ISL-B1-600	ISL-B5-600	600mm/24"
ISL-A1-650	ISL-A5-650	ISL-A05-650	ISL-B1-650	ISL-B5-650	650mm/26"
ISL-A1-700	ISL-A5-700	ISL-A05-700	ISL-B1-700	ISL-B5-700	700mm/28"
ISL-A1-750	ISL-A5-750	ISL-A05-750	ISL-B1-750	ISL-B5-750	750mm/30"
ISL-A1-800	ISL-A5-800	ISL-A05-800	ISL-B1-800	ISL-B5-800	800mm/32"
ISL-A1-850	ISL-A5-850	ISL-A05-850	ISL-B1-850	ISL-B5-850	850mm/34"
ISL-A1-900	ISL-A5-900	ISL-A05-900	ISL-B1-900	ISL-B5-900	900mm/36"
ISL-A1-950	ISL-A5-950	ISL-A05-950	ISL-B1-950	ISL-B5-950	950mm/38"
ISL-A1-1000	ISL-A5-1000	ISL-A05-1000	ISL-B1-1000	ISL-B5-1000	1000mm/40"
			ISL-B1-1100	ISL-B5-1100	1100mm/44"
			ISL-B1-1200	ISL-B5-1200	1200mm/48"
			ISL-B1-1300	ISL-B5-1300	1300mm/52"
			ISL-B1-1400	ISL-B5-1400	1400mm/56"
			ISL-B1-1500	ISL-B5-1500	1500mm/60"
			ISL-B1-1600	ISL-B5-1600	1600mm/64"
			ISL-B1-1700	ISL-B5-1700	1700mm/68"
			ISL-B1-1800	ISL-B5-1800	1800mm/72"
			ISL-B1-1900	ISL-B5-1900	1900mm/76"
			ISL-B1-2000	ISL-B5-2000	2000mm/80"
			ISL-B1-2200	ISL-B5-2200	2200mm/88"
			ISL-B1-2400	ISL-B5-2400	2400mm/96"
			ISL-B1-2600	ISL-B5-2600	2600mm/104"
			ISL-B1-2800	ISL-B5-2800	2800mm/112"
			ISL-B1-3000	ISL-B5-3000	3000mm/120"