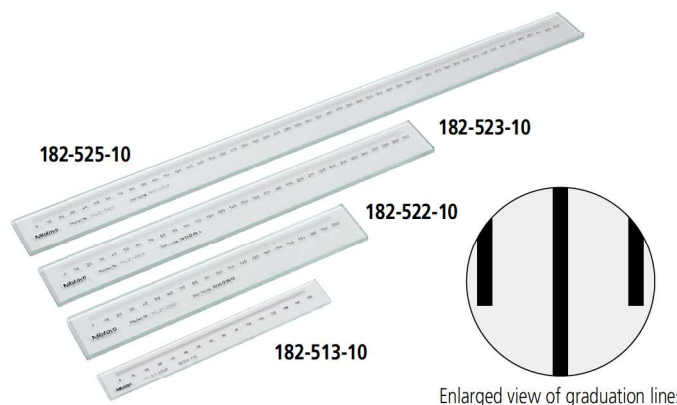


Working Standard Scales SERIES 182

- High-precision glass scales manufactured under Mitutoyo's leading-edge Linear Scale production technology. They are available in various types and sizes to suit to your application.
- Ideal for checking magnification accuracy of profile projectors and microscopes, and the table feeding accuracy of measuring equipment.



SPECIFICATIONS

Metric						
Code No.	Range (mm)	Graduation (mm)	Length (mm)	Inspection pitch (mm)	Graduation thickness (μm)	Mass (kg)
182-511-10	50	0.1	75	5	20	0.23
182-512-10	100		125	10		0.24
182-513-10	150		175			0.25
182-514-10	200		225			0.26
182-521-10	100	0.5	130	20	50	0.27
182-522-10	200		230			0.32
182-523-10	300		330			0.57
182-524-10	400		430			0.71
182-525-10	500		530			0.86
182-531-10	250		280			25
182-532-10	500	530	1.22			
182-533-10	750	780	0.23			
182-534-10	1000	1030	1.54			

- Material: Soda-lime glass
 - Thermal expansion coefficient: $8.5 \times 10^{-6}/K$
 - Accuracy (at 20 °C): $(1.5 + 2L/1000) \mu m$, L=Measured length (mm)
- Note: An inspection certificate produced by a standard scale automatic calibration system is supplied as standard.

DIMENSIONS

