Dial Indicators



SERIES 2 — Standard Type, 0.01 mm Graduation

- This model is the most popular Mitutoyo indicator with excellent accuracy and durability. Standard 0.01 mm graduation dial indicators have a bezel with an outside diameter of 57 mm.
- The indicator is highly durable thanks to its oil- and water-tight design, quenched hardened stainless-steel, carbide contact point, and a grand gear made of wear- and deformation-resistant material.
- Application of an anti-reflective and hard surface coating improves scale visibility along with scratch and chemical resistance.

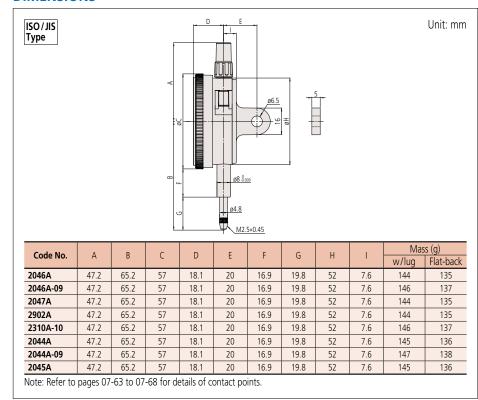


SPECIFICATIONS

Metric ISO/JIS type											
Code No.			D	Maximum permissible error (MPE) (µm)							
w/lug	Flat-back	Graduation (mm)	Range (range/rev) (mm)	Indication error					Repeat-		Measuring
				1/10 Rev	1/2 Rev	1 Rev	Measuring range	Hysteresis	ability	reading	force (N)
2046A	2046AB	0.01	10 (1)	5	9	10	13	3	3	±0-100	1.4 or less
2046A-09	2046AB-09	0.01	10 (1)	5	9	10	15	3	3	±0-100	1.4 or less
2047A	2047AB	0.01	10 (1)	5	9	10	13	3	3	0-50-0	1.4 or less
2902A	2902AB	0.01	10 (1)	5	9	10	13	3	3	100-0	1.4 or less
2310A-10	2310AB-10	0.01	10 (1)	5	9	10	15	3	3	±0-100	1.4 or less
2044A	2044AB	0.01	5 (1)	5	9	10	12	3	3	±0-100	1.4 or less
2044A-09	2044AB-09	0.01	5 (1)	5	9	10	12	3	3	±0-100	1.4 or less
2045A	2045AB	0.01	5 (1)	5	9	10	12	3	3	0-50-0	1.4 or less

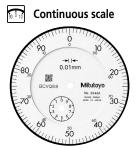
Note: Completed products inspection is performed in the vertical orientation (contact point downward) and the stated accuracy is guaranteed.

DIMENSIONS



Mitutoyo

SERIES 2 — Standard Type, 0.01 mm Graduation



Graduation: 0.01 mm, Measuring range: 10 mm 2046A With damper at

top rest point

2046A-09 Shockproof

Balanced scale 0.01mm 20 30 2047A Graduation: 0.01 mm,

Measuring range: 10 mm With damper at top rest point



Optional Accessories

• Limit hand (2 pcs.): 21AZB195

Reverse reading type. Suitable for depth and step measurement.



Graduation: 0.01 mm, Measuring range: 10 mm

2902A With damper at top rest point

Continuous scale



Graduation: 0.01 mm, Measuring range: 10 mm 2310A-10 With coaxial revolution counter

₩ Jeweled bearing

Continuous scale



Graduation: 0.01 mm, Measuring range: 5 mm

2044A

With damper at top rest point

2044A-09

- With damper at top rest point
- Shockproof





Graduation: 0.01 mm, Measuring range: 5 mm 2045A **◯ With damper at** top rest point

FEATUREC

FEATURES											
Metric ISO/JIS type											
Code				ها		(H)	\square				
w/lug	Flat-back	90 ⁰ 10	10 0 10	¥Ζ	5	64			L		
2046A	2046AB	~					~				
2046A-09	2046AB-09	1			1						
2047A	2047AB		~				~				
2902A	2902AB			~			~				
2310A-10	2310AB-10	~						~	~		
2044A	2044AB	~					~				
2044A-09	2044AB-09	~			~						
2045A	2045AB		~				~				

