





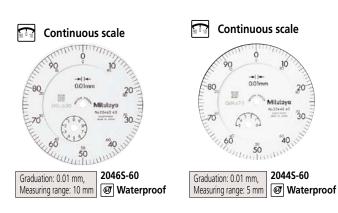


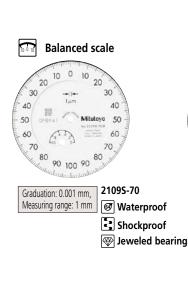
Dial Indicators

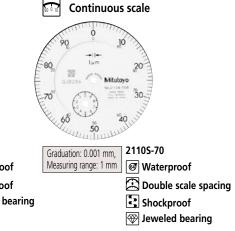
Comparison measuring instruments which ensure high quality, high accuracy and reliability.

SERIES 2 — Waterproof Type, 0.01 mm & 0.001 mm Graduation

- Waterproof type dial indicators having a bezel with an outside diameter of 57 mm.
- O-rings and rubber bellows are used to prevent water and oil penetration.
- All types come with limit markers and a bezel Application of a hard coating on the surface clamp as standard.
- The bezel clamp can be attached to either the right or left side. These parts can be easily installed and removed without tools.
- The stem and spindle are made of high-strength quench-hardened stainless steel suitable for heavy-duty use.
- A carbide contact point is used.
- of the crystal makes the gage highly scratchand chemical-resistant.









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50

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21095-70

Mitutoyo

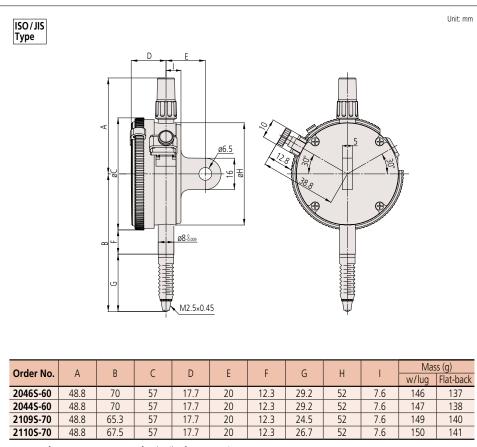
90 100 90



Dial Indicators

Comparison measuring instruments which ensure high quality, high accuracy and reliability.

DIMENSIONS



Note 1: Refer to pages F-57 to F-60 for details of contact points.

Note 2: If the contact point of the waterproof model is replaced, the water resistance cannot be guaranteed.

FEATURES

Metric							
Ord			ها	647	\square	网	
w/lug	Flat-back	90 0 10	10 0 10	5	(mg)		
20465-60	2046SB-60	~			~		
20445-60	2044SB-60	~			~		
2109S-70	2109SB-70		1	~	~	~	
2110S-70	2110SB-70	1		~	1	1	1

SPECIFICATIONS

Metric						☐ ISO/JIS type						
Order No.		Graduation (mm)	Range	Maximum permissible error (MPE) (µm)	Dial reading	Measuring force (N)		
w/lug Flat-back	(range/rev)		Indication error			Hysteresis	Repeat-					
	i iai-Dack	(11111)	(mm)	1/10 Rev	1/2 Rev	1 Rev	Measuring range	Tiysteresis	ability	reading	TOTCC (IV)	
2046S-60	2046SB-60	0.01	10 (1)	5	9	10	13	3	3	±0-100	2.5 or less	
2044S-60	2044SB-60	0.01	5 (1)	5	9	10	12	3	3	±0-100	2.5 or less	
2109S-70	2109SB-70	0.001	1 (0.2)	2	3	4	5	2	0.5	0-100-0	2.0 or less	
2110S-70	2110SB-70	0.001	1 (0.1)	2	3	4	5	2	0.5	±0-100	2.0 or less	

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

