

Dial Indicators

SERIES 1 and 2 – One Revolution Dial Indicators

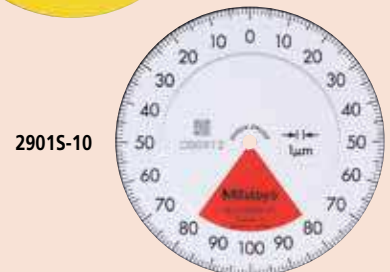
- Mitutoyo's unique shock-proof mechanism is incorporated, providing improved resistance to shock due to sudden plunger retraction caused by impact.
- This series has been developed to eliminate the possibility of reading errors due to miscounting multiple revolutions.
- The dead zone in red indicates "accuracy not guaranteed".
- One revolution type Back plunger dial gauges are also available. (Refer to page F-36 for details.)

2970 Series:

- Excellent water- and drip-proof characteristics (IP43).
- Smooth movement thanks to the improved design of bush and stem.
- Application of a hard coating on the surface of the crystal makes it highly resistant to scratching and chemical attack.
- Lightweight (75 g).



2972



2901S-10



2929S

SPECIFICATIONS

Metric											
Code No.	Graduation	Range (range/rev)	Accuracy				Repeat-ability	Scale	Measuring force	Price	
			Overall	Retrace	1/10 rev	1 rev					
Series 1											
1929S	0.01 mm	1 mm (1.4 mm)	11 µm	4 µm	7 µm	—	3 µm	50-0-50	1.4 N or less	£65.00	
Series 2											
2929S	0.01 mm	0.8 mm (1 mm)	8 µm	3 µm	5 µm	—	3 µm	40-0-40	1.4 N or less	£65.00	
2929S-62									2.0 N or less	£92.00	
2900S-10	0.001 mm	0.08 mm (0.1 mm)	3 µm	2 µm	2 µm	—	0.5 µm		1.4 N or less	£93.00	
2900S-72								2.0 N or less	£99.10		
2901S-10								0.16 mm (0.2 mm)	4 µm	80-0-80	£78.60
2971	0.01 mm	0.5 mm (0.7 mm)	8 µm	3 µm	5 µm	3 µm	25-0-25	1.4 N or less	£36.80		
2972		1 mm (1.4 mm)					50-0-50	£31.40			
Inch											
Code No.	Graduation	Range (range/rev)	Accuracy			Repeat-ability	Scale	Measuring force	Price		
			First 1 rev / 2.5 rev / 10 rev							Retrace	
Series 2											
2910S-10	.0001"	.008" (.01")	±.0001" / — / —			.0001"	±.00003"	4-0-4	1.8 N or less	£83.30	
2978	.001"	.06" (.079")	±.001" / — / —			.0002"	±.0002"	30-0-30	1.4 N or less	£34.70	
2976	.0005"	.02" (.028")	±.0005" / — / —			.00016"	±.0001"	10-0-10	1.4 N or less	£36.80	