Dial Snap Gage
SERIES 201

- Enables single-handed comparison measurement of cylinder diameters, etc. even during machining.
- Measuring faces: Carbide.
- The anvil gage head can be moved up to 25 mm by turning the adjustment nut.
- The anvil gage head position can be fixed by turning the clamp.
- The gage head on the dial indicator side can be moved up to 2 mm.
- Equipped with workpiece support.
- Flatness of measuring face: 1 µm
- Repeatability of indication: 2 µm or better (repeatability of indicators is not included)
- The dial indicator and dial protection cover are optional. Also, some dial indicators and dial protection covers cannot be used with the dial snap gage. Consult Mitutoyo if intending to use dial indicators which are not recommended.

201-101

Note: The dial indicator and dial protection cover are optional.

Optional accessories
Dial protection cover: **21DZA000**

Recommended dial indicators / Digimatic indicators (optional)
- Metric models:
  2046AB: Dial indicator (Graduation: 0.01 mm)
  2109AB-10: Dial indicator (Graduation: 0.001 mm)
  543-700B: Digimatic Indicator (Resolution: 0.0005/0.001/0.01 mm)
- Inch models:
  2414AB: Dial indicator (Graduation: 0.001 in)
  2805AB-10: Dial indicator (Graduation: 0.0001 in)
  543-702B: Digimatic Indicator (Resolution: 0.00002/0.00005/0.0001/0.0005 in (0.0005/0.001/0.01 mm))

SPECIFICATIONS

Metric

Order No.	Range (mm)	Parallelism (µm)	Measuring force* (N)
201-101	0 - 25	5	15±3
201-102	25 - 50		
201-103	50 - 75		
201-104	75 - 100		
201-105	100 - 125		
201-106	125 - 150		
201-107	150 - 175		
201-108	175 - 200		
201-109	200 - 225		
201-110	225 - 250		
201-111	250 - 275		
201-112	275 - 300		

Inch

Order No.	Range (in)	Parallelism (in)	Measuring force* (N)
201-151	0 - 1	0.00025	15±3
201-152	1 - 2		
201-153	2 - 3		
201-154	3 - 4		
201-155	4 - 5		
201-156	5 - 6		
201-157	6 - 7		
201-158	7 - 8		
201-159	8 - 9		
201-160	9 - 10		
201-161	10 - 11		
201-162	11 - 12		

* Measuring force is that force present before an indicator is installed and is determined at the point where the spindle is retracted 1 mm from the rest position.

DIMENSIONS

Unit: mm