

Bowers Universal "Snap" Gauge

The Bowers SNAPMATIC snap gauge has been designed specifically for quick, reliable and accurate measurement of external cylindrical diameters. Particularly suitable for use in series production, the instrument is tough and solid enough to use on the machine in the workshop and flexible enough to be used in the measuring room for sample measurements (bench-stand available). The measuring surfaces are of top-quality tungsten carbide mounted on a no-maintenance spring-operated mechanism.

Features

- Measuring ranges: 0-25mm (0-1"), 25-50mm (1-2"), 50-75mm (2-3"), 75-100mm (3-4"), 100-125mm (4-5"), 125-150mm (5-6")
- Gauging travel: 0.5mm
- Constant measuring pressure
- Adjustable depth-stop
- 8mm diameter indicator locking bush as standard (3/8" on request)
- Can be used with dial-gauges, digital indicators or measuring probes
- 16mm wide tungsten carbide measuring surfaces for positive-feel measurement (see table for flatness and parallelism)
- Measuring force: 13 N \pm 3N
- Indicator protection
- Indicator can be swivelled through 360°
- Bench stand available
- Heat-resistant polymer grip



Indicator **not** included in price of gauge.

Bluetooth®
SMART
Option

WiFi
Option

RS232

USB

Depending on
Indicator option

BOWERS 'SNAP' GAUGE

Code No	Range (mm)	Range (inch)	Flatness (µm)	Flatness (inch)	Parallelism (µm)	Parallelism (inch)
SPM25X	0-25	0-1	0.3	0.000012	2	0.00008
SPM50X	25-50	1-2	0.3	0.000012	2	0.00008
SPM75X	50-75	2-3	0.3	0.000012	3	0.000012
SPM100X	75-100	3-4	0.3	0.000012	3	0.000012
SPM125X	100-125	4-5	0.3	0.000012	4	0.000016
SPM150X	125-150	5-6	0.3	0.000012	4	0.000016

INDICATOR OPTIONS

Code No	Description
SMA023	Type 'C' digital indicator, Res. 0.001mm
SMA023-BT	Type 'C' digital indicator, Res. 0.001mm (with Bluetooth)

Note: BT denotes Bluetooth