

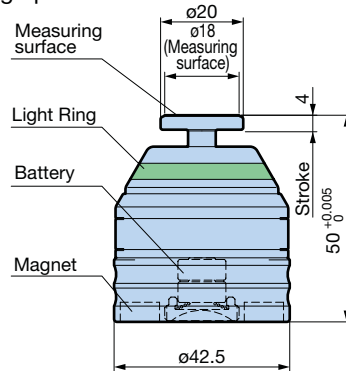
**BASE MASTER**

**[BM-50H] NEW**

- Electronic detection of cutting edge position.
- Repeatability  $\pm 1\mu\text{m}$  ( $2\sigma$ ).



**CE**  
Registered Design



Model **BM-50H**



For use with conductive workpieces and machine tools



Notifies using 360° lighting

Height accuracy	$50^{+0.005}_0$ mm
Repeatability	$\pm 1\mu\text{m}$ ( $2\sigma$ )
Min. tool diameter	$\phi 1\text{mm}$
Measuring pressure	2N
Stroke	4mm
Touch signal	Light ring illuminates (green)
Battery	SR44 x 2
Battery life	8 continuous hours
Weight	250g

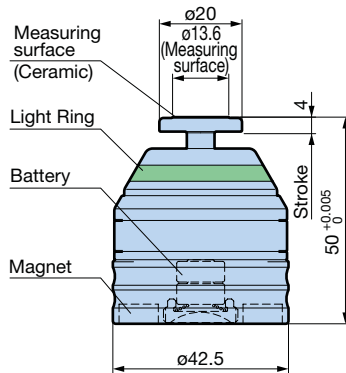
※ Type without magnets is also available. If required, add /N at the end of the model number when ordering. (Example: **BM-50H/N**)

**[BM-50GH] NEW**

- Supports any tools and workpieces.
- Uses ceramic for the measurement section.



**CE**  
Registered Design



Model **BM-50GH**



For all cutting tools, workpieces and machine tools



Notifies using 360° lighting

Height accuracy	$50^{+0.005}_0$ mm
Repeatability	$\pm 1\mu\text{m}$ ( $2\sigma$ )
Min. tool diameter	$\phi 1\text{mm}$
Measuring pressure	2N
Stroke	4mm
Touch signal	Light ring illuminates (green)
Battery	SR44 x 2
Battery life	8 continuous hours
Weight	240g

※ Type without magnets is also available. If required, add /N at the end of the model number when ordering. (Example: **BM-50GH/N**)

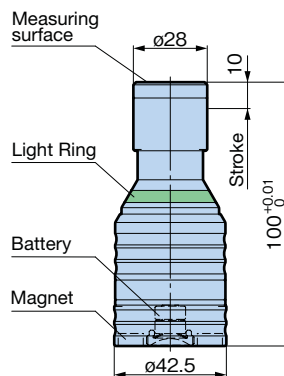
**[BM-100GH] NEW**

- Detects cutting edge position of 100mm from workpiece.



**CE**  
Registered Design

Easily visible measuring surface even with large machines



Model **BM-100GH**



For all cutting tools, workpieces and machine tools



Notifies using 360° lighting

Height accuracy	$100^{+0.01}_0$ mm
Repeatability	$\pm 1\mu\text{m}$ ( $2\sigma$ )
Min. tool diameter	$\phi 1\text{mm}$
Measuring pressure	2N
Stroke	10mm
Touch signal	Light ring illuminates (green)
Battery	SR44 x 2
Battery life	8 continuous hours
Weight	380g

※ Type without magnets is also available. If required, add /N at the end of the model number when ordering. (Example: **BM-100GH/N**)

- Do not use in X/Y direction.

MEASURING TOOLS

# COMPACT SENSOR

## BASE MASTER

**[BM-50MH]** (For ultra-small cutting tools) **NEW**

- Cutting edge position detection of  $\phi 0.05\text{mm}$  tool.
- Low-contact pressure cushion mechanism realizes measurement of ultra-small tools.
- Uses ceramic for the measurement section.



Small-diameter tools supported  
Min. measurable tool diameter  $\phi 0.05\text{mm}$



For all cutting tools, workpieces and machine tools



Notifies using 360° lighting

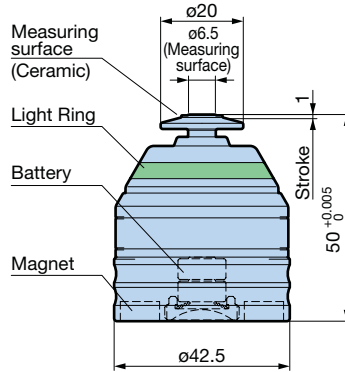
Height accuracy	$50^{+0.005}_0$ mm
Repeatability	$\pm 1 \mu\text{m}$ ( $2\sigma$ )
Min. tool diameter	$\phi 0.05\text{mm}$
Measuring pressure	0.3N
Stroke	1mm
Touch signal	Light ring illuminates (green)
Battery	SR44 x 2
Battery life	8 continuous hours
Weight	240g

\* Type without magnets is also available. If required, add /N at the end of the model number when ordering.  
(Example: **BM-50MH/N**)

**CE**  
Registered Design



Model **BM-50MH**



## BASE MASTER MINI

**[BMM-10H]**

- 10mm reference height tool offset sensor.
- Ultra-compact design to prevent tool interference.
- High-brightness LEDs (green) light up for instantaneous detection of reference points.



For all cutting tools, workpieces and machine tools



Notifies via LED

Height accuracy	$10^{+0.01}_0$ mm
Repeatability	$\pm 1 \mu\text{m}$ ( $2\sigma$ )
Min. tool diameter	$\phi 0.1\text{mm}$
Measuring pressure	1N
Stroke	1mm
Touch signal	LED illuminates (green)
Battery	CR1620x1
Battery life	10 continuous hours
Weight	80g
Standard accessory	Exclusive strap x 1P

● Do not use in X/Y direction.

**Ultra-Thin Type Height 10mm**

**CE**



Model **BMM-10H**

