

Model **MB-OX** HIGH LOCK BASE

Hydraulic & fine movement adjuster

[Application]

While these bases are used as measuring tool holders like magnetic bases, they can also be used to hold sensors in place.

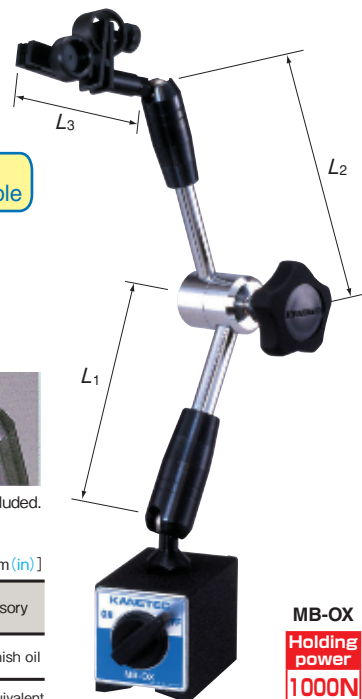
[Features]

- A hydraulic system that tightens joints in three places by one-step operation.
- The arm can be adjusted freely, which facilitates locating the mounted measuring instrument.
- Equipped with a fine movement adjuster.

Optional upper components available  
(See page 62)



The dial gage is not included.



[mm (in)]

Model	Lock Mechanism	Holding Power	Magnetic Holder Base			Arm			Arm Mounting Tapped Hole	Indicator Clamp		Mass	Accessory
			Width	Length	Height	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>		Stem Hole	Dovetail		
MB-OX	Hydraulic type	1000N (100kgf)	50 (1.96)	73 (2.87)	55 (2.16)	140 (5.51)	110 (4.33)	81 (3.18)	M8 (0.31) × 1.25 (0.04)	φ8 (0.31) φ6 (0.23)	6.5 (0.25)	2.0kg / 4.4 lb	※ Replenish oil

※The holding power is based on a test piece of SS400, 10 mm thick, ground surface. ※Recommended replenish oil: Idemitsu Daphne Super Multi Oil or equivalent

**MB-OX**  
Holding power  
**1000N**

Model **GB-MX** GRANITE BASE

Mechanical lock & fine movement adjuster

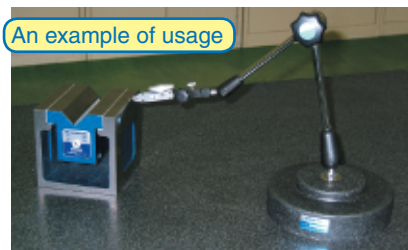
Measurement on precision granite surface plate!  
Highly reliable flexible arm!

Free posture by dial adjustment



2-step circular base for easy handling

An example of usage



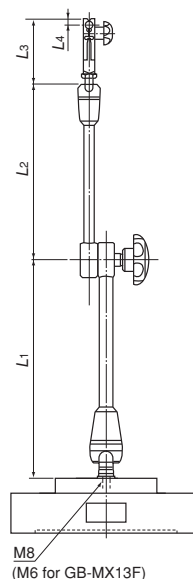
[Application]

Used for precise measurement on a precision granite surface plate.

[Features]

- Granite, unaffected by aged deterioration and rust, is used for the base. There is no change in accuracy and it is easy to maintain.
- The flatness of the base bottom has been precisely finished to better than 2 μm. They can slide smoothly on the granite surface plate to enable measurement by moving the gage.
- The base is of 2-step shape for easy handling.
- The mechanical lock type that has proven reliability is employed for the arm (MB-MX-F).
- Any posture can be set by one-step tightening.
- These bases come with a dedicated storage box.

Model	Base Size	Arm				Mass
		L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	
GB-MX13F	□90 (3.54) × 45 (1.77)	75 (2.95)	50 (1.96)	64 (2.51)	6.5 (0.25)	Approx. 1.4kg / 3.08 lb
GB-MX20F	φ120 (4.72) × 50 (1.96)	116 (4.56)	75 (2.95)	65 (2.55)		Approx. 1.8kg / 3.96 lb
GB-MX28F	φ164 (6.45) × 55 (2.16)	160 (6.29)	115 (4.52)	64 (2.51)		Approx. 3.7kg / 8.15 lb
GB-MX40F	φ187 (7.36) × 55 (2.16)	220 (8.66)	175 (6.88)	66 (2.59)		Approx. 4.6kg / 10.1 lb



M8 (M6 for GB-MX13F)

ELECTROMAGNETIC CHUCKS  
CHUCK CONTROLLERS  
PERMANENT ELECTROMAGNETIC CHUCKS  
PERMANENT ELECTROMAGNETIC CHUCKS  
BLOCKS FOR MC  
VACUUM CHUCKS  
PROMELTA\* SYSTEM  
SINE BAR CHUCKS  
BLOCKS, HOLDERS, MINI CHUCKS  
HOLDING TOOLS  
MEASURING TOOL HOLDERS  
MAGNETIC HOLDERS  
MAGNETIC TOOLS