











Free Guide Arms / Measurements and Inspection Instrument Mounting Components - Overview

MISUMI offers many parts suitable for mounting measurement instruments, lenses and lights for experiments and examinations on factory floors such as Free Guide Arms which make adjusting of instrument positions, Magnetic Bases as the bases for Free Guide Arms or Free Guide Arms Shafts, and holders for mounting dial indicators.

Types and Features of Free Guide Arms

	Free Guide Arms			Flexible Arms	Free Angle Arms
	Fixed Arm	Flex-Arm	Mechanical Locking Flex-Arm		
Shape					
Features	There are 3 movable sections. Each can be adjusted freely. By fixing only one dial, 3 movable sections can be locked simultaneously. The Fixed Arm bears large allowable load at locked state, therefore, it is suitable for mounting measurement instruments, sensors and lightings.	The arm can be adjusted into shapes freely. Not suitable for mounting heavy loads due to the lack of locking mechanism, but well suited for mounting light objects such as lens and lights, and frequently moving them with good adjustability.	The arm can be adjusted into shapes freely. The arm can be retained in desired shapes by tightening the nuts for holding the lock lever up. As it is more flexible than the Fixed Arm and can support larger loads than the Flexible Arm, it is suitable for adjusting and locking at the same time.	Although the arm can be adjusted into shapes freely, it is not suitable for mounting heavy loads as no lock function is provided. It can be mounted on various devices as the item is sold separately. Also, the length and screw diameter are selectable.	Each joint angle can be adjusted in shape as desired. The unit quantities are also selectable, so use it with the necessary length.
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Product Name	Bases	Mounting Clamps			Holders
		Shafts	Measurement Instruments		
	Magnetic Bases	Shaft Mounts	Dial Mounts	Indicator Mounts	Dial Holders
Appearance					
Features	Compact but generates strong attraction force by using Neodymium Iron Boron Magnets. Smaller sizes such as 30SQ are available.	Mounts for adjusting angles and fixing 2 shafts. Highly efficient Spring Built-in Types are also offered.	Mounts for mounting Dial Gauges. Adjust the gauge angle and turn the knurled screw to fix it.	Mounts for mounting Indicators. The angle adjustment for the tip can be done by turning the knurled screw.	As the dial holder is fixed by tightening the spindle of the dial gauge, mounting does not damage the spindle.
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