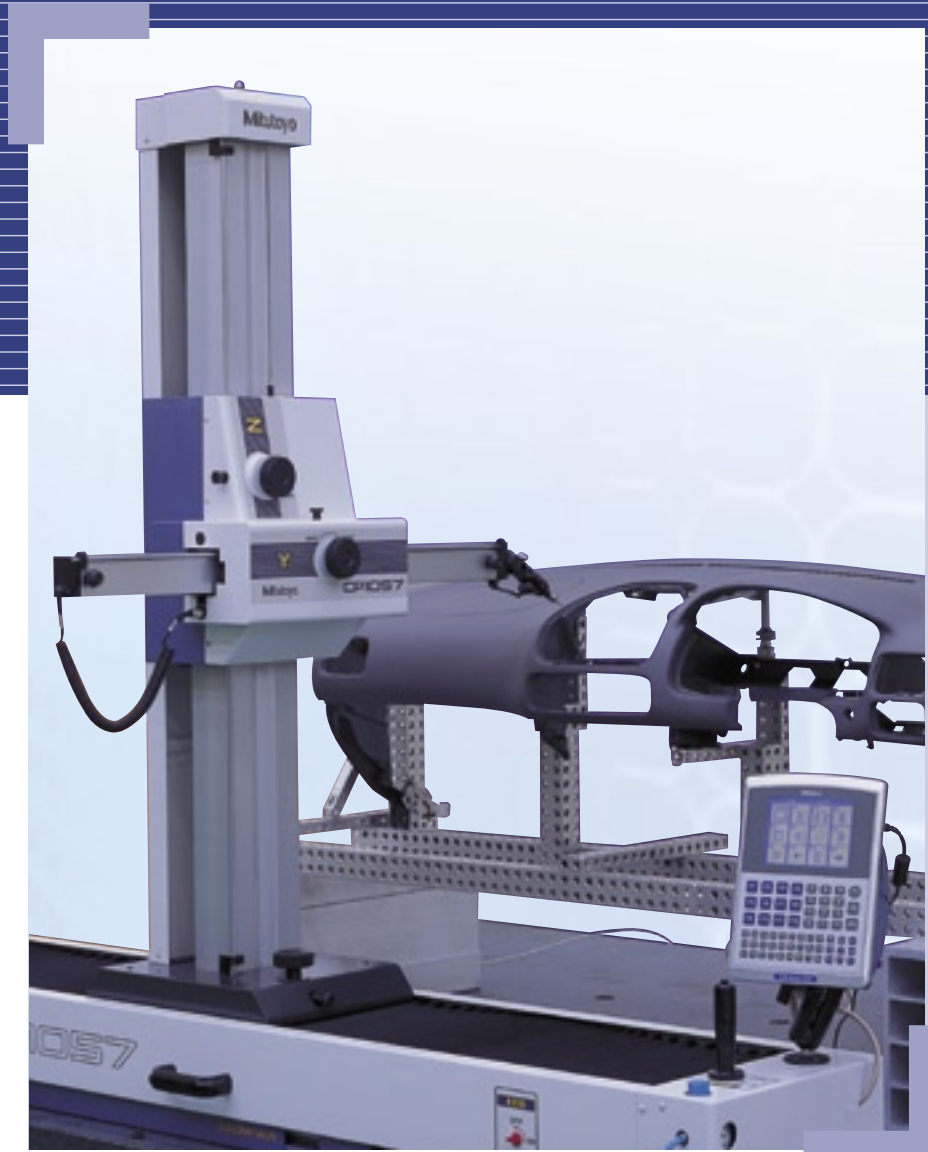


# CP 1057 HORIZONTAL-ARM MEASURING MACHINE

Bulletin No. 1767



**The flexible manual coordinate measuring  
machine**

**Mitutoyo**

# 3D coordinate measuring machine from Mitutoyo: The flexible manual coordinate measuring machine



- Manual upright coordinate measuring instrument for measuring large workpieces
- Data joint function: free travel of the entire measuring system on an air cushion around the entire workpiece. This enables testing of parts that are larger than the measuring device itself.
- Efficient, rapid 3D measuring cycles with integrated measuring processor as standard.
- Exploits all the capabilities of the MCOSMOS high-end CMM software system with optional PC connection
- Optional thermal error compensation for measuring instrument and workpiece within a temperature range of 15 to 30 °C.



Data joint function



Model:	CP 1057
Measuring range	X=39.37"(1000 mm), Y=19.69"(500 mm), Z=29.53"(750 mm)
Resolution	.00002" (0.0005mm)
Accuracy	E=15 + 10L/1000µm
(ISO10360-2:1994)	R=12µm (when used with TP2/TP20/MH20)
Temperature	Standard: 68° ± 1.8°F (20° ± 1°C), 0-9°F/m
Specification	Option*: 59° ~ 86°F (15° ~ 30°C), 1.8°F/m
Guide Method	Air bearings on all axes
Air consumption	approx. 40 l/min at 0.4 Mpa
Weight	496 lbs. (225 kg)
* With optional thermal error compensation	

With Mitutoyo's coordinate measuring machines, you can be sure of gaining the competitive edge provided by the experience and expertise of the world's leading specialist in production measurement technology. You are also benefiting from knowledge accumulated over decades for the tasks of tomorrow. Setting the highest standards in quality, performance and progress.

**Note:**

All our product details, in particular the illustrations, drawings, dimension and performance details and other technical specifications contained in this publication are to be considered approximate average values. To this extent, we reserve the right to make changes in design, technical data, dimensions and weight. Our specified standards, similar technical rules and technical specifications, descriptions and illustrations of the products are correct at the time of printing. The current version of our general terms and conditions also apply. Only offers which we have submitted can be considered to be definitive.

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