

Mikro Welt nano X5

SPECIFICATION

Item	Specifications
Product Name and Model	Mikro Welt nano X5
Measuring Unit	KEYENCE TM-X5000
	Measuring precision complies with KEYENCE TM-X5000
Repeatability	$\pm 0.03\mu\text{m}$ to $\pm 2.0\mu\text{m}$
Measurement Position Precision	$\pm 0.2\mu\text{m}$ to $\pm 2.5\mu\text{m}$
Size	405×611×411
Operating Method	Measurement operations using specialized software on a PC
	OS: Runs on Windows 10 or later (Memory: 8 GB or more)
	Interface: The main unit and PC connect via USB type B (2.0)
Compatible Standards	Safety: PSE
	EMC: Conforms to EN55011 and IEC61000
Accessories	Power cable, Instruction Manual, attachment (V jig)

Item	Specifications
Model	Mikro Welt nano X5 APP VER1.00
CPU	Pentium III 400 MHz or higher
Supported OS	Windows 10
Memory Capacity	8 GB or more
Display	VGA or higher, 256 colors or more
Free Hard Disk Space	1 GB or more
Interface	Must be equipped with a USB interface

Mikro Welt inc.

19th Floor, Hilton Plaza West, 2-2-2 Umeda,
Kita Ward, Osaka City, Osaka 530-0001
TEL 06-6133-5895 FAX 06-6843-2073
<https://mikrowelt.co.jp/>
info@microwelt.co.jp

Accuomm Central Europe Sp Zoo

(reseller)
Leg, ul. Europejska 4,
55-220 Jelcz-Laskowice, POLAND
TEL +48 71 381 81 00
<https://www.accuomm-ce.com/>

Tool-specialized Rotary Projection Image Measuring Instrument

Mikro Welt nano X5



**A New Measuring Instrument to Support Efficient Tool
Measuring Work and Improved Precision**

A Measuring Instrument Made By a Tool Manufacturer for Tool Manufacturers

01

Anywhere

Measuring just 405×611×411mm to allow on-site installation

02

Easy for anyone to use

One-push measurement with a simple program

03

Quick

Measure multiple locations simultaneously in two seconds, with a single trigger

04

High precision

Chucking rotary mechanism built on our unique technology

Solves the old problems of
“slow, inaccurate, and complex”.

“Quick, accurate, and simple” operation eliminates differences between workers, improves measuring speeds, and stabilizes measuring precision.

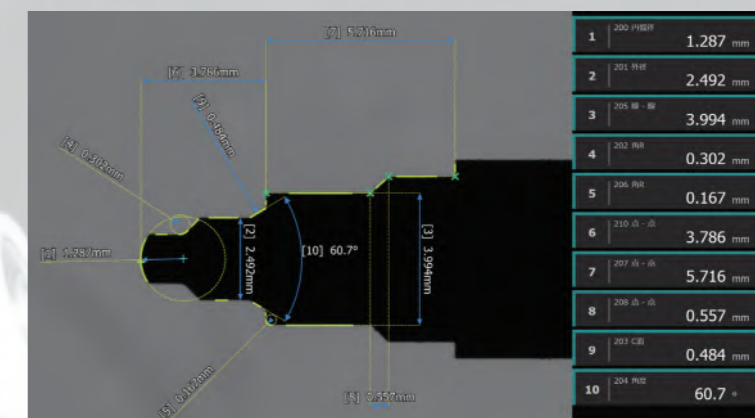


01

More than 100 measurement tools are available through combinations, to cover not only simple dimensional measurements but also tool-specific complex measurements.

02

Performs all projectable measurements simultaneously in two seconds, including OD, angle, tip radius, shoulder radius, C face, step length, virtual point, and virtual line setting, makes pass/fail judgments, and transfers measurements to Excel automatically.



03

Our unique chucking rotation mechanism (patented) creates high-precision rotary projection images. It achieves speed and precision while eliminating differences between operators. Consult us and we can make the robots and fully-automated systems you're looking for.