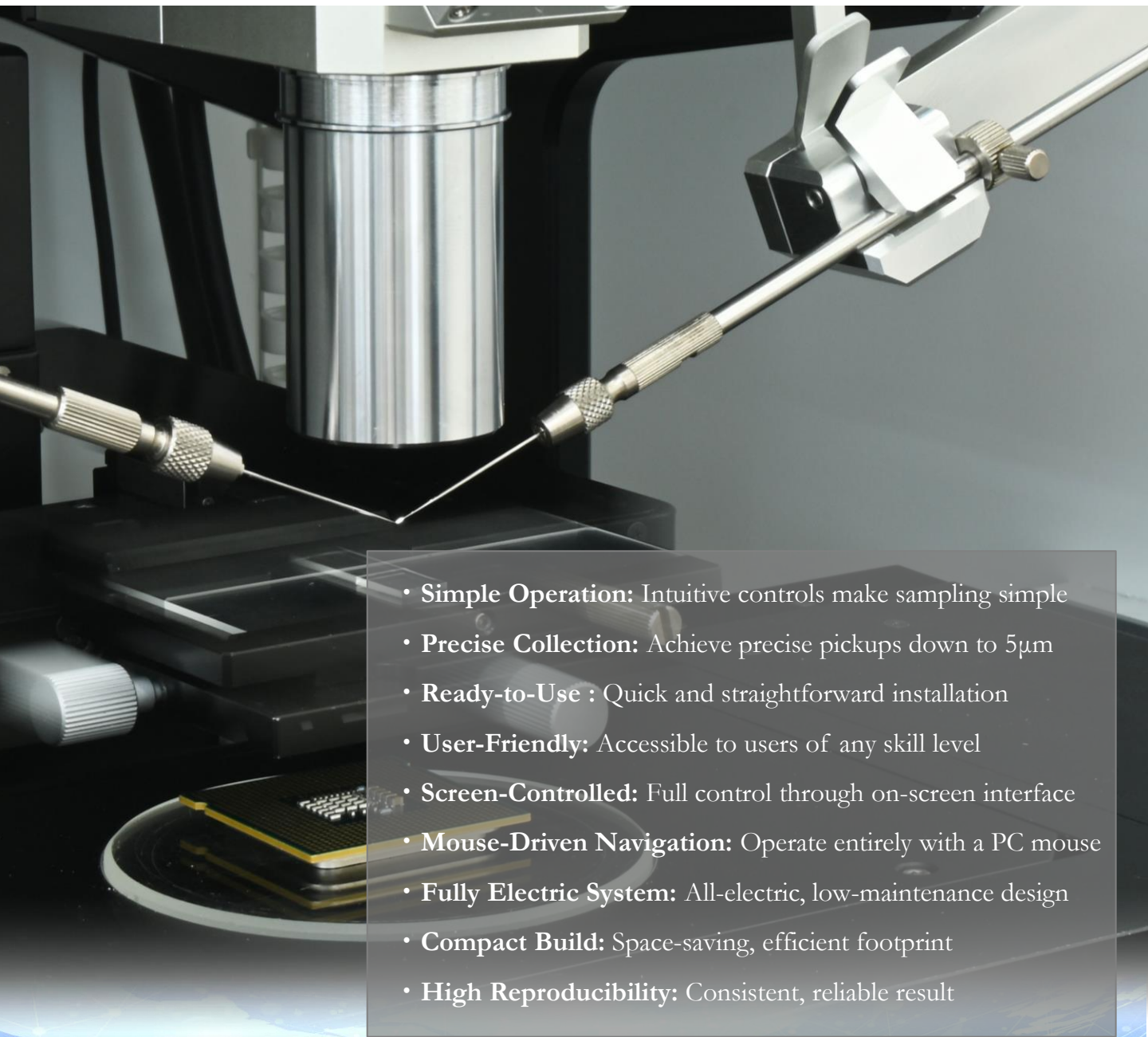


Revolutionary Micromanipulator AxisPro Series

Microscope system, optimized for sampling







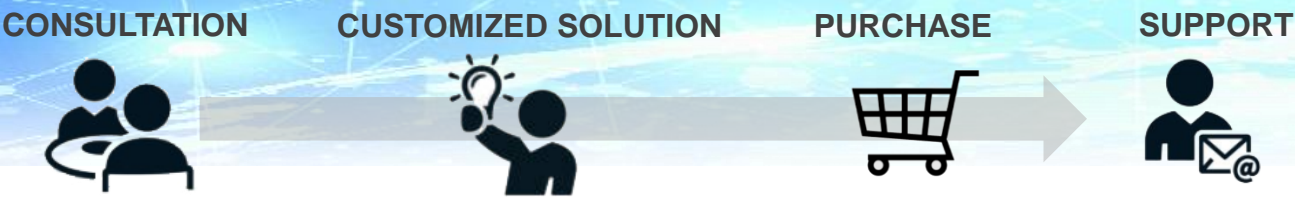
- **Simple Operation:** Intuitive controls make sampling simple
- **Precise Collection:** Achieve precise pickups down to 5 μ m
- **Ready-to-Use :** Quick and straightforward installation
- **User-Friendly:** Accessible to users of any skill level
- **Screen-Controlled:** Full control through on-screen interface
- **Mouse-Driven Navigation:** Operate entirely with a PC mouse
- **Fully Electric System:** All-electric, low-maintenance design
- **Compact Build:** Space-saving, efficient footprint
- **High Reproducibility:** Consistent, reliable result



- Motorized parts move with **0.1μm precision** using a **stepping motor**.
- A blend of **advanced hardware** and **our in-house developed software** allows intuitive sampling of micron-sized substances, easily controlled through PC mouse actions, resembling a **drag-and-drop interface**.
- With a **wide range of micro-tools and accessories** compatible with AxisPro, the system meets **diverse application** needs.

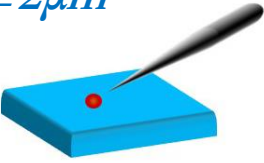
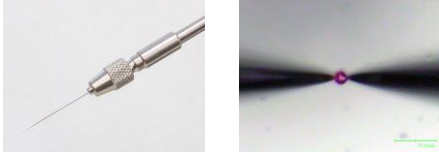


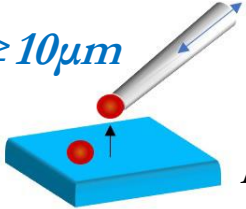
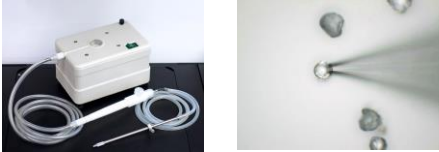
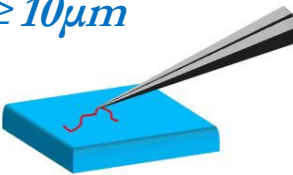
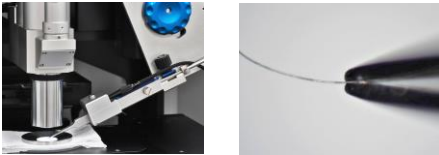
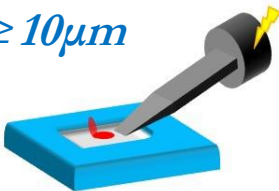
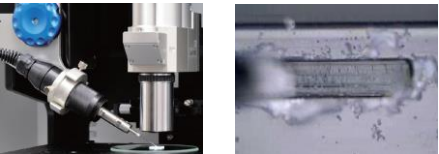
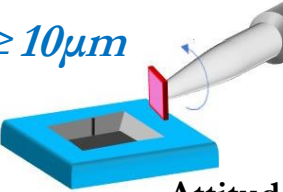
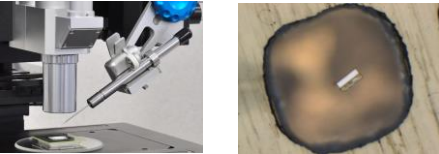
You can choose your preferred body type

Model name	APFC	APF	APSS	Sampling Station
Exterior				
Body type	Opening and closing full cover	Without cover		
Focus (electric) range	70mm (up and down stage)		70mm (up and down main body)	40mm (up and down stage)
Sample stage	Electric (standard)		Mechanical (electric,option)	
Arm (electric) range	X:20mm Y:20mm Z:30mm (left, right)			
Microscope(electric zoom)	Main body zoom 0.9-10x			
Objective lens	5x working distance: 14mm, 1.5x (option) working distance:46mm 3x (option) working distance:35mm			
Total magnification	Objective lens : 5x (∼280-3100x) / 1.5x (∼85-940x) / 3x (∼180-2000x)			
CMOS color camera	GigE digital (video & picture SXGA output)			
Sample transfer function	Equipped with electric transfer disk			N/A
Illumination function	White LED (reflection, transmission)			
PC specification	CPU : Intel® Core i3-10100E (3.20GHz/6MB 4C/8T) Memory : 8GB HDD : S-ATA 2TB			
OS	Microsoft® Windows®10 IoT Enterprise for Embedded 64bit			
Display	21.5inch LCD display (full HD)			
Control software	AxisPro 2023			
Operation procedures	Click and drag by PC mouse			
Power source	AC100V~240V 50/60Hz single phase, electricity consumption 700W			
Equipment space	W1500mm x D700mm or over	W1400mm x D700mm or over		



Delivering precise, reliable solutions that fit your exact applications.

Application / Accessories / Tools

<div>$\geq 2\mu m$</div>  <div>Pick Up</div>	<div>Tungsten Probe</div> 	Picking up, transferring, poking, rubbing, shaving, peeling, cutting
<div>$\geq 20\mu m$</div>  <div>Liquid</div>	<div>Micro-injector</div> 	Collection and release of micro-fluids
<div>$\geq 10\mu m$</div>  <div>Absorption</div>	<div>Vacuum Absorption Set</div> 	Absorption and transport of Minerals and microparticles
<div>$\geq 10\mu m$</div>  <div>Pinch</div>	<div>Micro-tweezers Set</div> 	Remote gripping and retrieval operations
<div>$\geq 10\mu m$</div>  <div>Scrape</div>	<div>Milling-Pro</div> 	Precision cutting control using ultrasonic
<div>$\geq 10\mu m$</div>  <div>Attitude control</div>	<div>High-Precision Rotator</div> 	Lifting FIB-processed thin foils

Standard Control System

Request Examples



LCD Display



PC mouse

PC

Controller



- ▶ Tall Samples
- ▶ Large Area sample
- ▶ Electrical Measurement
- ▶ Non-exposed Environment
- ▶ TEM Sample Compatibility

Custom body specifications



Electric Prober

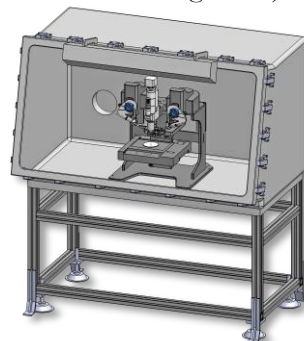
(For 2-terminal and 4-terminal-sensing)



Large stage customization

(For large-diameter workpieces)

AxisPro for Glovebox
(Optimized for installation inside glovebox)



[MSL-24-00026]

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