Ver.2.4e

Pharmaceutical and Cosmetic Field

MicroSupport

Accessories for Micromanipulator

Highly Effective For:

- Quality Control in Pharmaceutical And Cosmetic
- Microscopic Sample Collection For IR Microscopy or SEM-EDX analysis

Sampling tools optimized for sample preparation under a microscope

- Comprehensive support for sample collection for IR microscopy and SEM-EDX analysis
- A wide lineup of micromanipulators to suit various applications, including all-in-one, motorized, and manual types
- A wide range of standardized micro-tools and sampling accessories are available
- Enables sampling from solids, powders, liquids, adhesive layers, and various other materials
- An optional X-Y-Z stage enables transfer of collected micro-samples onto analysis substrates

Microscope-Integrated Micromanipulators

Dedicated sampling systems integrating a microscope and micromanipulator units.

AxisPro F (APF)
High-performance micro-manipulation system

AxisPro FE (APFE)
High-performance micro-manipulation system – Euro Model

AxisPro FC (APFC)
Enhanced safety with a full protective cover

AxisPro SS (APSS)
The ultimate solution for customization

Sampling Station (SS)
A cost-effective sampling solution

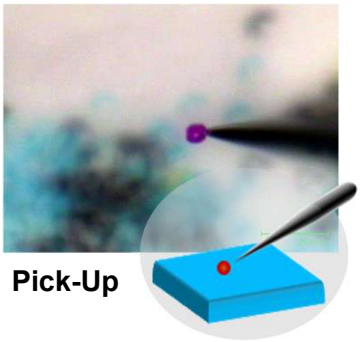
Independent Micromanipulator – installed on the user's existing microscope

QuickPro (QP)
Precise control via touchscreen or mouse operation.

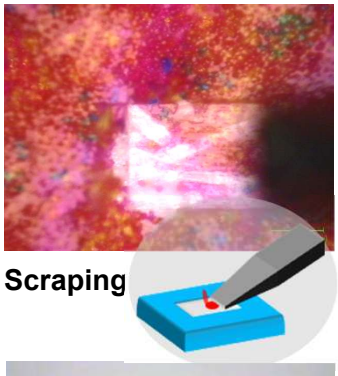
Microsampling Tools

Micro tools designed for micro-scale operations and handheld use.

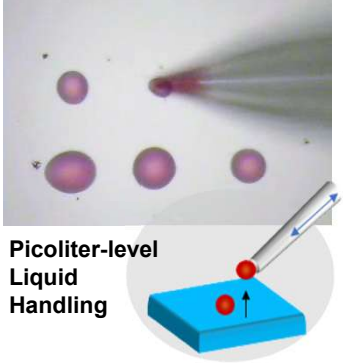
MicroSupport supplies tool sets for various applications.



Pick-Up



Scraping



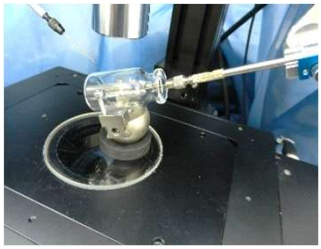
Picoliter-level Liquid Handling

Pinpoint pickup from a wide range of materials

Application Example ①

Black contaminant attached to the inner bottom of a vial

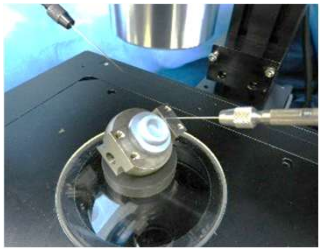
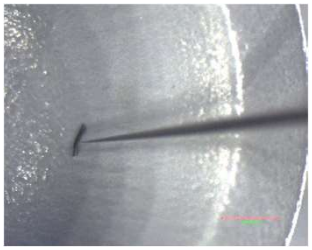
Tilt the vial for clear visibility under the stereomicroscope, then insert the micro-tools into the vial without obstruction to collect the target particle.



Application Example ②

Fibrous contaminants on the inner surface of a vial cap

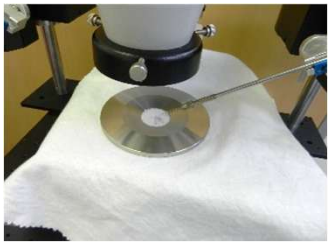
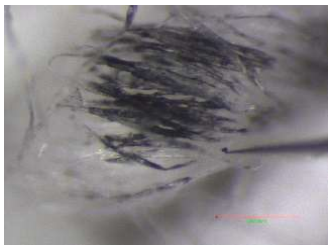
Tilt the vial cap for clear visibility under the stereomicroscope and collect the fibers using the tool tip.

Application Example ③

Black contaminants on a cleaning wipe used inside a reactor

Spread the wipe under the stereomicroscope, secure it with a weight tool, and collect the black substances using the tool tip.

Application Example ④

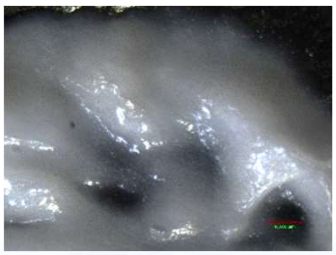
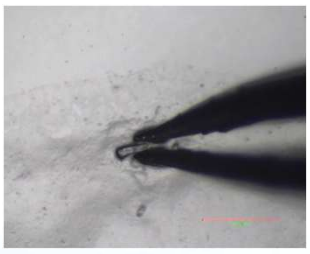
Black contaminants on the surface of a tablet

Secure the tablet with a tilt device, observe the target area under higher magnification, and collect the contaminant using the tool tip.

Application Example ⑤

Fibrous contaminants in a medical cream

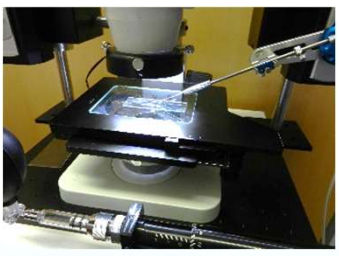
Apply the cream sample onto a glass slide for observation under the microscope, then collect the fibers using micro-tweezers.

Application Example ⑥

Floating contaminants in a solution

Aspirate the liquid using the micro-injector, transfer it onto a glass slide, then wash and proceed with the analysis.



※Contact us for inquiries about other cases.

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