

MSW² Type UdckTM

Microsampling WingTM × Microsampling WindmillTM

Microsampling Device "MSW²" eliminates the need for weighing work

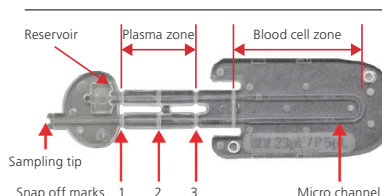
The MSW² series offer tools for easily fractionating a predetermined amount of plasma from a small amount of blood, for nonclinical animal experiments. Also, since the entire process, from sampling to fractionation of a predetermined amount of plasma, can be completed with devices only, so human errors are minimized.



Features

- **Easy plasma fractionation**
No skill required and little human error
- **No weighing necessary**
No need for micropipettor for plasma weighing
- **High level of safety**
High safety during work due to application of resin material

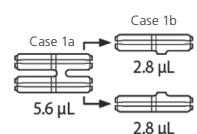
Actual size



Division case

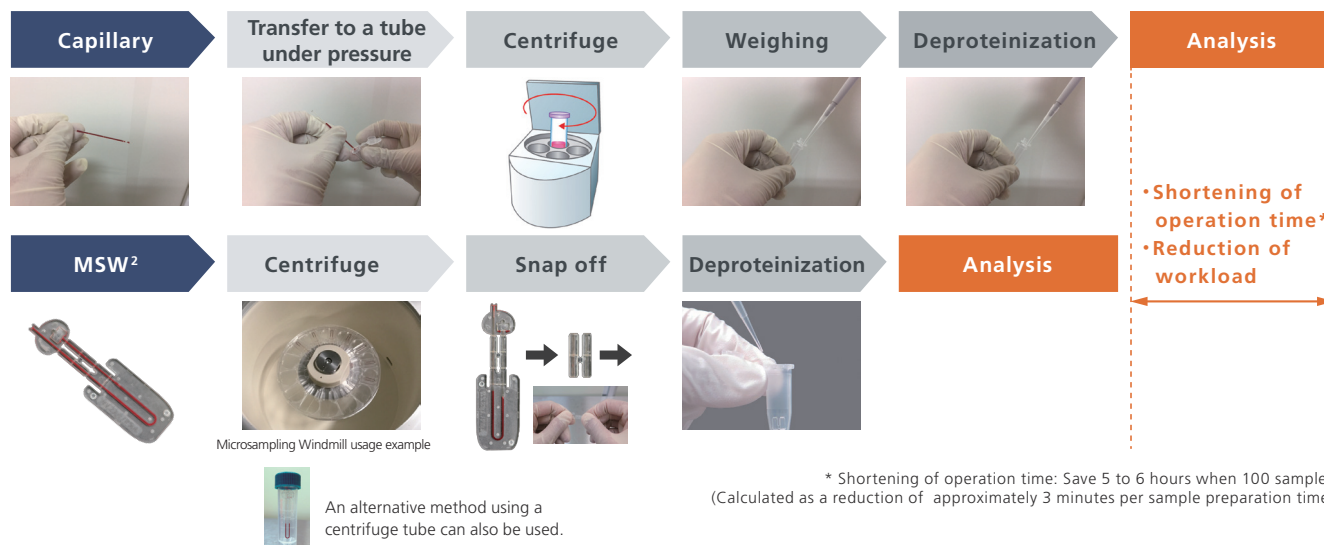
Case 1 Snap off mark 1 and 3

Case 2 Snap off mark 2 and 3



Easy fractionation Workflow Comparison

The examples shown here are examples and may vary by company.

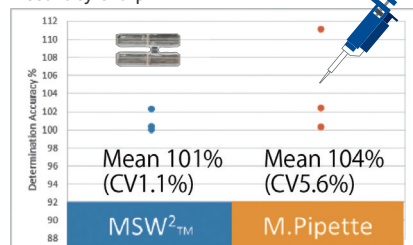


* Shortening of operation time: Save 5 to 6 hours when 100 samples
(Calculated as a reduction of approximately 3 minutes per sample preparation time)

No weighing necessary

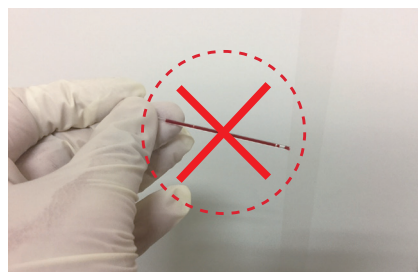
High accuracy measured with a spectrophotometer

Accuracy 5.6 µL



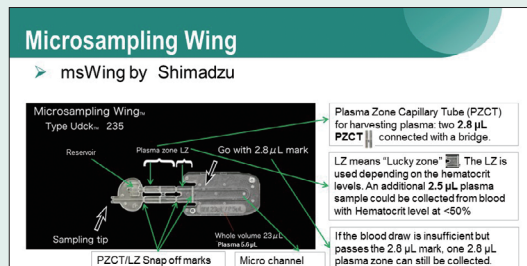
High level of safety

Easier to handle than glass capillaries due to the application of resin material



Use case was introduced at an international conference

- It was introduced at the luncheon seminar of CPSA, which is an international conference in the clinical field. (CPSA: Clinical&Pharmaceutical Solutions through Analysis; October, 2017, USA)
- Contact us for more information



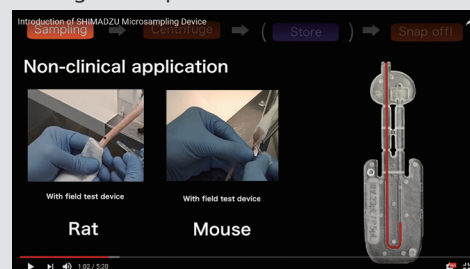
Specifications

Product name	Microsampling Wing
Type	Udck 235
Material	Olefin polymer
Whole volume	23 µL
Plasma zone volume	5.6 µL (2.8 µL + 2.8 µL) *Only for reference and not guaranteed
Size	45 mm × 13 mm × t2 mm
Anticoagulant	EDTA-2Na
Storage condition	Room temperature, keep away from direct sunlight

A specialized centrifuge rotor is required when using Microsampling Windmill.

Movie which shows the instruction for MSW² is available.

Usage Example



Shimadzu msw2



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Shimadzu Corporation

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