

NEW

Useful for sample prep. Sampling Tool Kit 02

This is a set of tools that are useful for collecting liquid and solid samples for pyrolysis GC/MS analysis.

■ Features

1. Right tool for your sample

A variety of tools help select the right tool for a sample in any form.

2. Good data reproducibility

Tools allow you to collect samples in small sizes for good reproducibility of analytical data.



■ Sample preparation - Making sampling easy

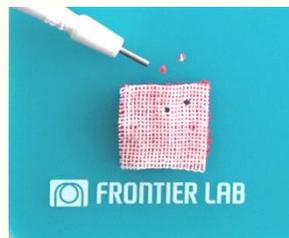
Scissors

Cut a sheet or film-like sample into smaller sizes.



Micro-puncher

Punch out film like sample into small discs.



Cutter knife

Scrape off sample surface.



Precision Scissors

Cut quartz wools protruding from sample cup (Eco-cup).



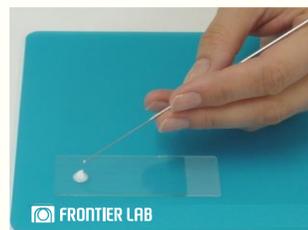
Micro Sample Collector

Collects small amount of powder or liquid sample.



Sampling needle

Collect samples of viscous liquids using the tip of the needle.



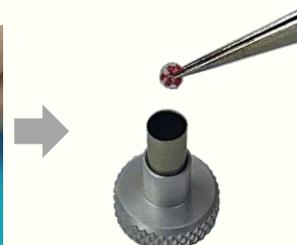
Double head spatula

Gather powdered sample.



Place it in sample cup

Place sample at the bottom of the sample cup (Eco-cup).



- We recommend that samples be as small and thin as possible for better data reproducibility.
- An instructional video of "Sample Preparation" is available on Frontier Lab's website. Access from QR code on the right or the link below.
<https://www.frontier-lab.com/support/video-tutorial/> (Video tutorials > Operation > Sample preparation)



■ Content details (Product No.: PY1-K102, with a storage case)

■ Single item order

Tools	Description	Qty.	Product number (P/N)	Qty.
Sampling Needle	For viscous liquids	3	PY1- 7145	5
Micro Sample Collector	Collects small amount of powder or liquid sample. Includes 20 micro coils.	1	PY1- 1070 *1	5
Double Head Spatula	Gathers powder samples	1	PY1- 7147	1
Micro-puncher 050	Punches out discs of 0.5 mm diameter	3	FMP-0.50D *2	10
Micro-puncher 075	Punches out discs of 0.75 mm diameter	3	FMP-0.75D *2	10
Micro-puncher 125	Punches out discs of 1.25 mm diameter	3	FMP-1.25D *2	10
File for UA capillary tube	Cuts capillary SS column/tube	1	UAP-7001	1
Cutter Knife	Includes 25 spare blades	1	PY1-7151 *3	1
Scissors	L=176 mm, 65 mm blades	1	PY1-7161	1
Precision Scissors	L=90 mm, 16mm blades	1	PY1-7162	1
Tweezers	L=125 mm	2	PY1-7141	1
Blunt Tip Tweezers	L=125 mm	1	PY1- 7142	1
Cutting Mat L	D=150 mm, L=220 mm	1	FCM-6577	5
Eco-Stand AL	Sample cup stand for a single cup	2	PY1- EH10AL	5
Eco-Cup Stand 10	Sample cup stand for 10 cups	1	PY1-3711	1

Guide for single item order :

All tools contained in the kit can be purchased individually. Use the product numbers shown in the table above when ordering tools individually. The contents and/or the quantities of each tool may differ from the Sampling Tool Kit 02.

*1: Micro Sample Collector Kit (P/N: PY1-1070) comes with Micro Coil S(20 ea). Micro Sample Collector and Micro Coil S are available individually. Refer to the catalog of Micro Sample Collector from Frontier-lab's website for details.

Product name : Micro Sample Collector (5 ea), P/N : PY1-1071
Product name : Micro Coil S (20 ea x 5), P/N : PY1-1075

*2: A set of Micro-puncher (3 ea) and Cutting Mat L (1 ea) is available.

Product name : Micro-puncher 050S, P/N : FMP-0.50S
Product name : Micro-puncher 075S, P/N : FMP-0.75S
Product name : Micro-puncher 125S, P/N : FMP-1.25S

Micro-punchers have 7 varieties of inner diameters (0.5/ 0.75/ 1.25/ 2.0/ 3.0/ 4.0/ 5.0 mm). Refer to the catalog of Micro-punchers from Frontier-lab's website for details.

*3: A cutter knife (P/N: PY1-7151) comes with 25 spare blades.

