
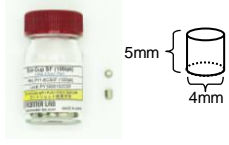

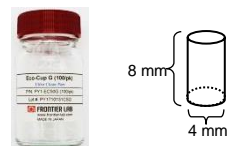



Selection of the sample cups


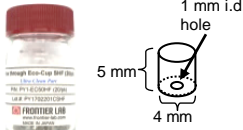

Product name	Product number (Quantity)	Material	Volume	Maximum temperature	Compatibility with AS-1020E	Appearance	Description
Eco-Cup LF	PY1-EC80F (100 ea)	Stainless steel (Deactivated*1)	80 μ L	1,050°C	No		<ul style="list-style-type: none"> All application*2 Optimum pyrolysis temperature is 30°C lower than Eco-cup SF for most polymeric materials due to large surface area. This is useful for samples with relatively large volumes. 100 ea x 4 bottles/set (P/N: PY1-EC80F-V4) is also available.
Eco-Cup SF	PY1-EC50F (100 ea)	Stainless steel (Deactivated*1)	50 μ L	1,050°C	Yes		<ul style="list-style-type: none"> All application*2 This cup provides slightly better pyrogram reproducibility in flash pyrolysis-GC mode than Eco-cup LF.
RoHS-Cup LN	PY1-EC80N (100 ea)	Stainless steel (Non-Deactivated)	80 μ L	700°C	Yes		<ul style="list-style-type: none"> For phthalates analysis only. Single use, disposable sample cup. 100 ea x 5 bottles/set (P/N: PY1-EC80N-V5), 100 ea x 10 bottles/set (P/N: PY1-EC80N-V10) are also available.
Eco-Cup G	PY1-EC50G (100 ea)	Pyrex glass (Glass surface)	50 μ L	450°C	Yes*3		<ul style="list-style-type: none"> Disposable cup for Frontier-lab's pyrolyzer. The cups are made of clear glass, the sample position, sample color change, residues, and contamination can easily be observed. For thermal desorption and reactive pyrolysis. Maximum temperature is 450°C.
Eco-Cup GQ	PY1-EC50GQ (30 ea)	Pyrex glass (Quartz surface)	50 μ L	600°C	Yes*3		<ul style="list-style-type: none"> Disposable cups for Frontier-lab's pyrolyzer. Glass coated with a bonded quartz layer. Maximum temperature is 600°C. For thermal desorption, reactive pyrolysis and pyrolysis

*1 The entire surface has been deactivated using the same proprietary technology used for Ultra Alloy © columns. The thickness is 0.1 mm.

*2 Except analysis with Micro-UV Irradiator (UV/Py-GC/MS). Please use the Side Hole Eco-Cup UV (P/N: PY1-EC80UV) when use UV-1047Xe.

*3 Use the sample cup recovery chute equipped with Teflon sheet.

Selection of the sample cups

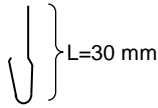
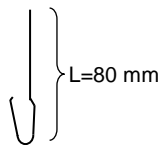
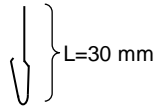
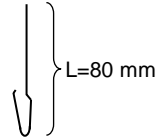
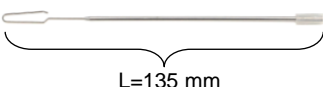
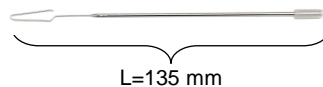
Product name	Product number (Quantity)	Material	Volume	Maximum temperature	Compatibility with AS-1020E	Appearance	Description
Eco-Cup LHF (Flow Through)	PY1-EC80HF (20 ea)	Stainless steel (Deactivated ^{*1})	80 µL	1,050°C	No		<ul style="list-style-type: none"> This cup provides better peak shape resolution of volatile compounds (C3-10) than regular cups. And it prevents secondary reactions under a low carrier gas flow, e.g. 10 mL/min.
Eco-Cup SHF (Flow Through)	PY1-EC50HF (20 ea)	Stainless steel (Deactivated ^{*1})	50 µL	1,050°C	No		<ul style="list-style-type: none"> This cup provides better peak shape resolution of volatile compounds (C3-10) than regular cups. And it prevents secondary reactions under a low carrier gas flow, e.g. 10 mL/min.
Side Hole Eco-Cup UV	PY1-EC80UV (20 ea)	Stainless steel (Deactivated ^{*1})	80 µL	1,050°C	Yes		<ul style="list-style-type: none"> Used for analysis with Micro-UV Irradiator (UV/Py-GC/MS).

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*2 Except analysis with Micro-UV Irradiator (UV/Py-GC/MS). Please use the Side Hole Eco-Cup UV (P/N: PY1-EC80UV) when use UV-1047Xe.

*3 Use the sample cup recovery chute equipped with Teflon sheet.

Selection of the sample sticks

Product name	Product number (Quantity)	Material	Maximum temperature	Appearance	Description
Eco-Stick SF	PY1-ES10F (50 ea)	Stainless steel (Deactivated*1)	1,050°C	 L=30 mm	<ul style="list-style-type: none"> • For stainless steel Eco-Cups*1. • Used for manual Single-Shot analysis, EGA analysis or Heart-Cut EGA analysis.
Eco-Stick DF	PY1-ES20F (50 ea)	Stainless steel (Deactivated*1)	1,050°C	 L=80 mm	<ul style="list-style-type: none"> • For stainless steel Eco-Cups*1. • Used for manual Double-Shot analysis.
Eco-Stick GS	PY1-ES10G (50 ea)	Stainless steel (Deactivated*1)	600°C	 L=30 mm	<ul style="list-style-type: none"> • For glass Eco-Cups. • Used for Single-Shot analysis, EGA analysis or Heart-Cut EGA analysis
Eco-Stick GD	PY1-ES20G (50 ea)	Stainless steel (Deactivated*1)	600°C	 L=80 mm	<ul style="list-style-type: none"> • For glass Eco-Cups. • Used for Double-Shot analysis.
Eco-Pickup F	PY1-EP55F (5 ea)	Stainless steel	1,050°C	 L=135 mm	<ul style="list-style-type: none"> • For stainless steel Eco-Cup recovery
Eco-Pickup GF	PY1-EP55GF (5 ea)	Stainless steel	600°C	 L=135 mm	<ul style="list-style-type: none"> • For glass Eco-Cup recovery

*1 The entire surface has been deactivated using the same proprietary technology used for Ultra Alloy ® columns.