
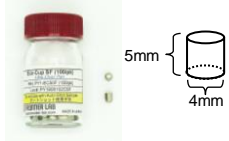
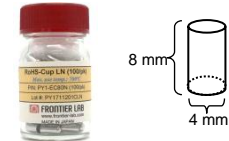
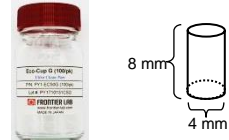




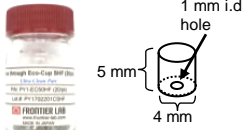

# Selection of the sample cups

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 $\mu$ L	1,050°C	Yes		<ul style="list-style-type: none"> <li>All application*2</li> <li>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.</li> <li>100 ea x 4 bottles/set (P/N: PY1-EC80F-V4) is also available.</li> </ul>
Eco-Cup SF	PY1-EC50F (100 ea)	Stainless steel (Deactivated*1)	50 $\mu$ L	1,050°C	No		<ul style="list-style-type: none"> <li>All application*2</li> <li>This cup provides slightly better pyrogram reproducibility in flash pyrolysis-GC mode than Eco-cup LF.</li> </ul>
RoHS-Cup LN	PY1-EC80N (100 ea)	Stainless steel (Non-Deactivated)	80 $\mu$ L	700°C	Yes		<ul style="list-style-type: none"> <li>For phthalates analysis only.</li> <li>Single use, disposable sample cup.</li> <li>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.</li> </ul>
Eco-Cup G	PY1-EC50G (100 ea)	Pyrex glass (Glass surface)	50 $\mu$ L	450°C	Yes*3		<ul style="list-style-type: none"> <li>Disposable cup for Frontier-lab's pyrolyzer.</li> <li>The cups are made of clear glass, the sample position, sample color change, residues, and contamination can easily be observed.</li> <li>For thermal desorption and reactive pyrolysis.</li> <li>Maximum temperature is 450°C.</li> </ul>
Eco-Cup GQ	PY1-EC50GQ (30 ea)	Pyrex glass (Quartz surface)	50 $\mu$ L	600°C	Yes*3		<ul style="list-style-type: none"> <li>Disposable cups for Frontier-lab's pyrolyzer.</li> <li>Glass coated with a bonded quartz layer.</li> <li>Maximum temperature is 600°C.</li> <li>For thermal desorption, reactive pyrolysis and pyrolysis</li> </ul>

\*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.

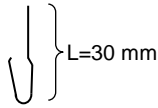
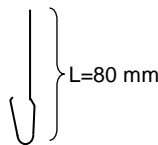
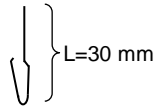
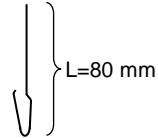
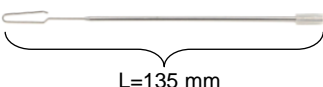
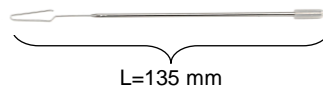
Product name	Product number (Quantity)	Material	Volume	Maximum temperature	Compatibility with AS-1020E	Appearance	Description
Eco-Cup LHF (Flow Through)	PY1-EC80HF (20 ea)	Stainless steel (Deactivated <sup>*1</sup> )	80 µL	1,050°C	No		<ul style="list-style-type: none"> <li>This cup provides better peak 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.</li> </ul>
Eco-Cup SHF (Flow Through)	PY1-EC50HF (20 ea)	Stainless steel (Deactivated <sup>*1</sup> )	50 µL	1,050°C	No		<ul style="list-style-type: none"> <li>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.</li> </ul>
Side Hole Eco-Cup UV	PY1-EC80UV (20 ea)	Stainless steel (Deactivated <sup>*1</sup> )	80 µL	1,050°C	Yes		<ul style="list-style-type: none"> <li>Used for analysis with Micro-UV Irradiator (UV/Py-GC/MS).</li> </ul>

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

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