

Whatman™ Mini-UniPrep devices allow you to reduce your solvent consumption

The Whatman Mini-UniPrep™ sample preparation device will allow you to process samples for HPLC and UHPLC 60% faster than traditional syringe filter sample preparations. Volumes of maximum 400 µl can be easily processed allowing laboratory technicians to prepare smaller volume samples, hence reducing the usage of solvent.

Place the sample in the Mini-UniPrep, insert the plunger, and compress. Your sample is filtered rapidly, easily, and in small volumes (Fig 1).



Fig 1. The Mini-UniPrep filter on the left is shown with fluid in the chamber. On the right, the filter plunger is shown compressed with the sample ready for analysis.

Mini-UniPrep benefits

- Ease of use – all-in-one filtration and storage vial allows you to process samples in one-third the time
- Compatible with all major autosamplers – allows you to speed processes
- Fewer consumables required – reduce costs by up to 40%
- Reduces the sample volume from between 1mL and 5mL to just 400µl



Simple – Place unfiltered sample in chamber.



Innovative – Compress filter plunger into sample chamber. Clean filtrate fills reservoir from bottom up.



Efficient – Process multiple samples with the Mini-UniPrep compressor.



Convenient – The Mini-UniPrep vial shape fits easily into autosamplers.



Automation Ready – Available with a slit septum cap, Mini-UniPrep can be used with standard robotics on HPLC instruments.



Technical Specification

Dimensions:	Equivalent in size to 12 x 32 mm vials	
Materials of Construction:	Housing and Cap:	Polypropylene
	Filtration Media:	As specified
	Septum:	PTFE membrane and silicone rubber
Filtering Capacity:	0.4 ml	
Nominal Force Needed to Compress:	Approximately 0.6 bar (8 psi)	
Maximum Operating Temperature:	50°C (120°F)	



Fig 2. 3 times faster sample preparation combined with reduced solvent usage.

Ordering Information

Cat. No.	Product	Quantity	Code No.
FDP-560-085V	MUP, 0.2 µm RC	100	UN203NPERC
FDP-560-035N	MUP, 0.2 µm PVDF	100	UN203NPEAQU
FDP-560-040U	MUP, 0.2 µm NYL	100	UN203NPENYL
FDP-560-045K	MUP, 0.2 µm PTFE	100	UN203NPEORG
FDP-560-050R	MUP, 0.2 µm PES	100	UN203NPEPES
FDP-560-055H	MUP, 0.2 µm PP	100	UN203NPEPP
FDP-560-090F	MUP, 0.45 µm RC	100	UN203NPURC
FDP-560-060X	MUP, 0.45 µm PVDF	100	UN203NPUAQU
FDP-560-075B	MUP, 0.45 µm NYL	100	UN203NPUNYL
FDP-560-020D	MUP, 0.45 µm PTFE	100	UN203NPUORG
FDP-560-080Y	MUP, 0.45 µm PES	100	UN203NPUPES
FDP-560-010G	MUP, 0.45 µm PP	100	UN203NPUPP
FDP-560-200B	MUP Amber, 0.2 µm PVDF	100	UN203APEAQU
FDP-560-220S	MUP Amber, 0.2 µm PTFE	100	UN203APEORG
FDP-560-230P	MUP Amber, 0.2 µm PES	100	UN203APEPES
FDP-560-250J	MUP Amber, 0.45 µm PVDF	100	UN203APUAQU
FDP-560-290U	MUP Amber, 0.45 µm PTFE	100	UN203APUORG
FDP-560-300U	MUP Amber, 0.45 µm PES	100	UN203APUPES
FDP-560-031V	MUP 6 Place Compressor	1	CR0000006

Also available in 1500 pack. Other membranes and pore sizes available. Also available with slit septum.

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