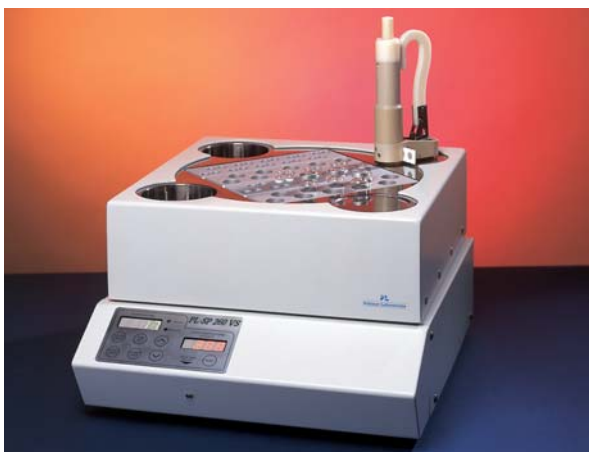


## NEW PL-SP 260VS Sample Preparation System

The PL-SP 260VS is a NEW Sample Preparation System designed for the manual dissolution and filtration of samples prior to GPC analysis. The unit combines controlled heating across a temperature range of 30-260°C\*, with gentle agitation, user-selectable from speeds of between 85-230\*\* rpm. With its temperature range and speed capabilities, the new PL-SP 260VS is ideal for a wide range of polymer types, including even the most difficult of samples.



### Variable Speed

During sample preparation, the vials can be agitated continuously or the shaker can be programmed to operate for specific periods of time. The new PL-SP 260VS provides variable, user-selectable speed of shaking, which is easily adjustable via the front panel of the instrument. For additional safety with noxious eluents, the extraction hood can be fitted during the dissolution stage, which also enables purging with nitrogen for air-sensitive samples.

### Choice of Vial Types

The aluminium blocks for the heated compartment are available in several formats to accommodate a variety of vial types. The Standard Accessory Kit is designed to be used with standard sample preparation vials (supplied) and either PL-GPC 220 2ml autosampler vials or Waters' 4ml autosampler vials. The Custom Accessory Kits permit alternative vials to be specified by the customer.

Description	Sample Prep Block	Destination Block
Standard Accessory Kit	Standard 20ml	2 / 4ml vials
Custom Accessory Kit 1	Standard 20ml	Custom
Custom Accessory Kit 2	Custom	2 / 4ml vials
Custom Accessory Kit 3	Custom	Custom

### Efficient Dispensing

A unique pipettor device efficiently dispenses filtered sample solution from the sample preparation vial directly into destination (autosampler) vials, with minimal handling.



### Choice of Filtration Media

Two filtration media are available:

- Glass fiber (nominal porosity 1µm) - the preferred system for general applications
- Porous stainless steel (nominal porosity 0.5µm, 2µm, 5µm or 10µm)



Carbon Black Filled Polyethylene Solution:

1. Without Filtration
2. After Filtration Using 1µm glass fiber filter

Each filter magazine houses four filters. Either type is suitable for the removal of crosslinked polymer 'gel' or insoluble additives. Porosity should be selected based on the molecular weight of the polymer under investigation. The glass fiber depth filter is particularly suitable for polymers containing very fine particulates (eg carbon black and other pigments), yet is suitable for use with even high molecular weight polymers.

### Ordering Information

Product	Part No.
PL-SP 260VS Sample Preparation System, 220V	0810-4050/220
PL-SP 260VS Sample Preparation System, 110V	0810-4050/110
PL-SP 260VS Standard Accessory Kit	0810-4100
PL-SP 260VS Custom Accessory Kit 1	0810-4200
PL-SP 260VS Custom Accessory Kit 2	0810-4300
PL-SP 260VS Custom Accessory Kit 3	0810-4400
Filter Magazine, 1µm Glass Fiber (Pk of 50)	0810-4006
Filter Magazine, 0.5µm Stainless Steel (Pk of 50)	0810-4003
Filter Magazine, 2µm Stainless Steel (Pk of 50)	0810-4002
Filter Magazine, 5µm Stainless Steel (Pk of 50)	0810-4004
Filter Magazine, 10µm Stainless Steel (Pk of 50)	0810-4005
Standard Sample Preparation Vials, 20ml (Pk of 100)	094/33086
Standard Sample Preparation Vial Caps (Pk of 100)	094/33087
Autosampler Vials, 2ml (Pk of 500)	0810-0001
Autosampler Vial Caps and Seals (Pk of 500)	0810-0002
2ml Vial Crimping Tool	0810-0015

One of the above Accessory Kits must be ordered with each PL-SP 260VS Sample Preparation System

The above accessories are compatible with the PL-SP 260VS and its predecessor, the PL-SP 260.

\* +/- 2°C

\*\* +/- 10%