

Vacuum SPE Manifold

Solid-phase extraction(SPE) is a chromatographic technique used to prepare samples for subsequent analysis by removing interfering substances that may be present. The general procedure includes sorbent activation, loading, washing and eluting. This is done either by retaining the substance of interest and washing off everything else or by retaining the interfering substances and eluting the product of interest

The vacuum SPE devices are designed to concentrate or isolate analytes from complex sample matrices. It allows processing of extraction columns with high sample throughput at minimal expense. Solvents and samples are aspirated through the columns by a vacuum of 0-20 inches Hg. Eluates are collected in tubes positioned in a removable rack inside the manifold. The 12-ports and 24-ports manifold accommodate up to 12 and 24 columns, respectively.



The 12 Position SPE Manifold system includes:

- Vacuum gauge
- Glass chamber
- Valve Assemble
- Waster container
- 12 Retaining Clips
- 12 Guide needles
- 12 Individual Flow Control Stopcocks
- 12 Position Cover with Luer Fittings
- Gasket
- 3 Posts
- 6 Shelves
- 4 Supports
- 12 Luer Plugs

Cat No.	Description	Qty/Pk
81201	Vacuum SPE manifold Set-Complete	1
81202	Class chamber	1
81203	Cover,gasket,& 12 stopcocks	1
81204	Gaskets	2
81205	Vacuum gauge, valve, & glass chamber	1
81206	Collection Rack-shelves,legs,clips, & posts	1
81207	Plate-13mm	1
81208	Plate-16mm test tube	1
81209	Plate-volumetric flask	1
81210	Plate-zutosampler vial	1
81211	Plate-dimple	1
81212	Plate-base	1
81213	Stopcocks	12
81215	Waste Container	1



The 24 Position SPE Manifold system includes:

- 24 Luer Plugs
- Vacuum gauge
- Glass chamber
- Valve Assemble
- 12 Retaining Clips
- 24 Guide needles
- 24 Individual Flow Control Stopcocks
- 24 Position Cover with Luer Fittings
- Gasket
- 3 Posts
- 4 Shelves
- 4 Supports

Cat No.	Description	Qty/Pk
82401	Vacuum SPE manifold Set-Complete	1
82402	Class chamber	1
82403	Cover,gasket,& 24 stopcocks	1
82404	Gaskets	2
82405	Vacuum gauge	1
82406	Collection Rack-shelves,legs,clips, & posts	1
82407	Plate-13mm	1
82408	Plate-16mm test tube	1
82409	Stopcocks	24

General Vacuum Manifold Accessories

Cat No.	Description	Qty/Pk
80100	SPE Manifold needles,polypopylene	12
80101	SPE Manifold needles,polypopylene	24
80102	SPE Manifold needles,staninless steel	12
80103	SPE Manifold needles,staninless steel	24
80104	Female Luer Fittings	2
80105	Male Luer Fittings	2
80106	Support posts for rack	3
80107	Legs for cover	4
80108	Vacuum gauge & valve assembly	1
80109	Valve assembly only	1
80110	Vacuum gauge	1
80111	Retaining clips	12
80113	Retaining clips	24
80112	Vacuum manifold plugs	50
80114	Adaper Caps for 1,3,6mL SPE Tubes	10