

MANIFOLD KIT FOR BOTANICAL EXTRACTION

Sterlitech's Manifold Kit enables easy filtration of batch sizes up to 5 liters. Increase throughput when filtering solvent-extracted compounds of interest from plant-based sources, without adding additional equipment to your system. Instead of three filtration stations, keep your process compact with this kit.



FEATURES:

- Clamping mechanism to secure membrane in place
- Filtration area of 191 cm²
- Up to three times faster than Buchner funnel filtration
- Easy to clean and maintain
- Compatible with polymeric 90 mm disc filters
- Use up to 3 funnels with a single vacuum pump and receiving flask
- Replace filters without pausing filtration

APPLICATIONS:

- Cold-filtration to remove lipids or waxes
- Clarification or plant debris removal
- Bacterial removal (using 0.2 or 0.45 μm PES filters)
- Batch processing
- Ethanol washing

ORDERING INFO:

SKU: 2050043

Shipping Dimensions:

Box One: 25 x 21 x 21 in. - 34 lbs

Box Two: 24 x 19 x 15 in. - 13 lbs

Total Weight: 47 lbs

COMPONENTS:

- 3-place stainless steel manifold
- Three 1L glass filter funnels with PTFE-coated stainless steel support screens
- Three silicone rubber stoppers
- 5L side arm receiving flask
- PILOT 5000 vacuum pump
 - 110/220V
 - UL/CE listed
- EPDM rubber tubing
- Membrane packs:
 - Coarse cellulose filter paper (19-26 μm)
 - Medium cellulose filter paper (6 μm)
 - Fine membrane filters (0.45 μm PES)