

Welch®
Laboratory Vacuum Catalog
2005-2006

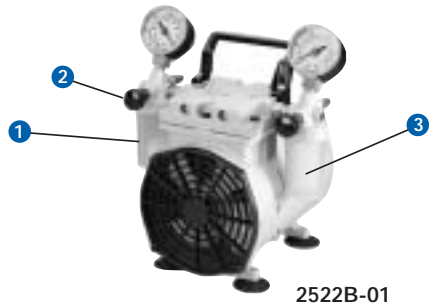
Filtration Manifold & Flask
Catalog Page 9

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Filtration Manifold & Flask

Economical Dry Pumps For Aqueous Solutions



2522B-01

“Did you know that the most common reason filtration pumps fail is because of liquid ingestion into the pump?”

- 1 Water trap protects against accidental ingestion
- 2 Vacuum regulator and gauge adjusts and monitors vacuum level
- 3 Muffler quiets pump

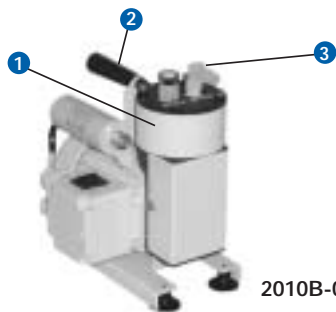
Standard Duty Pumps

Standard duty, oil-free pumps provide continuous, reliable vacuum your filtration application requires. Added accessories simplify use, lower noise level, and extend service life. All wetted parts are treated for corrosion protection from moisture. Use cat. nos. 2522B-01, 2534B-01 and 2546B-01 (115V, 60Hz); 2522C-02, 2534C-02 and 2546C-02 (230V, 50Hz) for pressure filtration up to 100 psig. Pumps are compact, lightweight, and easy to use. Note: May be used with buffer solutions, but not recommended for use with acidic, basic or organic solutions.

Cat. No.	Description ¹
2522B-01	22 L/min, 25.6"Hg, 115V, 60Hz, 1 Ph with N. American 115V plug
2522C-02	18 L/min, 133 mbar, 230V, 50Hz, 1 Ph with IEC connector and detachable Schuko line cord, CE
2567B-50	120 L/min, 27.6"Hg, 115V, 60Hz, 1 Ph with N. American 115V plug
2567C-50	83 L/min, 80 mbar, 230V, 50Hz, 1 Ph with IEC connector and detachable Schuko line cord, CE

Note: 1. See pages 20-21 for more details.

Chemically Resistant Dry Pumps For Harsh Chemicals



2010B-01

- 1 PTFE construction resists chemical attack
- 2 Portable for lab to lab usage
- 3 Steady, reliable vacuum

Chemical Duty Pumps

Chemical duty, diaphragm pumps are the ideal oil-free solution when filtering acidic, basic or organic materials. Wetted parts are made of fluorinated plastic (PTFE) which can withstand the use of aggressive chemicals. A small footprint, carrying handle, and attached line cord make these pumps easy to move and easy to use.

Cat. No.	Description ²
2010B-01	12.7 L/min, 25.5"Hg, 115V, 60Hz, 1 Ph with N. American 115V plug
2010C-02	10.6 L/min, 146 mbar, 230V, 50Hz, 1 Ph with IEC connector and detachable Schuko line cord, CE
2015B-01	50 L/min, 26.7"Hg, 115V, 60Hz, 1 Ph with N. American 115V plug
2015C-02	42 L/min, 106 mbar, 230V, 50Hz, 1 Ph with IEC connector and detachable Schuko line cord, CE

Note: 2. See pages 18-19 for more details.

Pump Selection Chart (115V, 60H) ³		
# of Funnels	Standard Duty	Chemical Duty
1	2522B-01	2010B-01
1-2	2522B-01	2012B-01
1-4	2534B-01	2015B-01
1-6	2546B-01	2015B-01
6 Funnel Manifolds	2567B-50	2017B-01
Multi Tabletop	2585B-50	2017B-01

Note: 3. See pages 18-21 for complete specifications of pumps.

