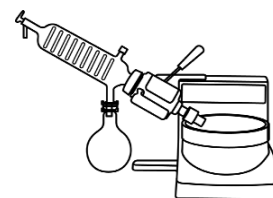


Welch® Dry Pumps

Applied Vacuum Technology for Rotary Evaporators



Rotary Evaporator

Pump: Solution

Programmable Self-Cleaning PTFE System

Self-Cleaning PTFE System

Stand-Alone PTFE Pump



Solvents Distilled:

• Volatile & High B.P. (B.P. ≤ 160 °C)	202801, 2 Torr, 35 L/min	202701, 2 Torr, 35 L/min	2042B-01, 2 Torr, 35 L/min 2032B-01, 2 Torr, 25 L/min
• Volatile (B.P. ≤ 100 °C)	202801, 2 Torr, 35 L/min	202701, 2 Torr, 35 L/min 202501, 9 Torr, 35 L/min	2044B-01, 9 Torr, 35 L/min 2034B-01, 9 Torr, 25 L/min

Cat. No.^{1,2}

Key Advantages:

Strip DMF & High B.P. Solvents³	Patent pending high vacuum technology for Models 202801, 202701, 2042B-01 and 2032B-01.
Quiet, Oil-free	Virtually maintenance-free solution for laboratory environment.
Cost effective	Pump solution to fit your vacuum control and budget requirements.
Application certified	Developed and tested by Welch for use with rotary evaporators to carry out simple solvent distillations, stripping volatiles, and reflux reactions.

Note:

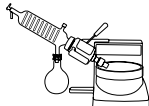
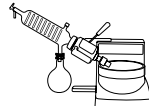
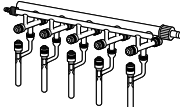
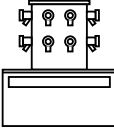
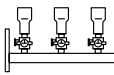
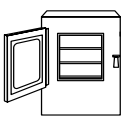
- 1) Pumps listed are 115V, 60Hz. See website for other electrical requirements.
- 2) Cat. No. 202501 has a dial read-out in inches Hg. Model 202701 and 202801 have absolute pressure reading in Torr.
- 3) Strip 2-4 ml/min of DMF at 35° C when using dry ice condenser.



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Welch® Pumps

Applied Vacuum Technology for the Laboratory

Application	Welch Vacuum Pumps & Systems	Flow Rate x Vacuum	Unit Photo	Model	See Page
Rotovap Volatiles, Low B.P. B.P. <100°C Samples 0-5 Liter 	"Rotovap System" DRYFAST® System with regulator, gauge, condensate jars, self-cleaning auto-purge	35 L/min. x 9 Torr (12 mbar)		202501	6
Rotovap DMF, Toluene, other non-volatiles Samples 0-5 Liter 	"High Boiler System" DRYFAST ULTRA® System & Pump	35 L/min. x 2 Torr (2.7 mbar) 35 L/min. x 2 Torr (2.7 mbar)		202801 2042B-01	3 2
Concentrator Samples <2ml x 24, DNA Pelleting 	"Concentrator Pump" DRYFAST ULTRA Pump DRYFAST ULTRA SYSTEM Compatible with: SpeedVac® & CentriVac®	35 L/min. x 2 Torr (2.7 mbar) 35 L/min. x 2 Torr (2.7 mbar)		2042B-01 202601	2 3
Vacuum Manifold Schlenk Line 	"Vacuum Manifold Pump" DUOSEAL® & CHEMSTAR® Pumps GEM® System	25 L/min. <1 millitorr (1.3x10 ⁻³ mbar) 100 millitorr (0.13 mbar)		1400B-01 or 1400N-01 8890A-70	10
Freeze Dryer 	"Freeze Dryer Pump" Direct Drive pump w/integral oil filtration system CHEMSTAR Low RPM Pump	173 L/min. 160 L/min.		8917A-80 1402N-01	11
Filtration 	"Filtration Pump" Chemical Duty Standard Duty	22 L/min. 22 L/min.		2012B-01 2522B-01	9
Aspiration Cell Harvester Plate Washer 	"Aspiration System" Standard Duty Chemical Duty	88 L/min. x 27.6 in. Hg (80 mbar) 64 L/min. 26.7 in. Hg		2567B-50 2017B-01	13
Cell Culture Aspiration 	"Cell Culture Station" With gauge, regulator, 2000 ml autoclaveable trap with liquid blockade system	34 L/min. x 27.2 in. Hg (93 mbar)		2515B-75	12
Vacuum Oven Drying Degassing 	"Vacuum Drying Pump" Standard Duty Dry Direct-Drive DUOSEAL	100 L/min. 173 L/min. 160 L/min		2581B-50 8917A 1402B-01	14
Gel Dryer 	"GELMASTER™ System" Complete Gel Drying Vacuum System with hose, valve	>50 L/min. of Vapor @ 28 in. Hg		142601	15