

VACUUM PUMP SELECTION ASSISTANT

VACUUM PUMPS FOR SHORT PATH DISTILLATION

PHOTO	DESCRIPTION	LEAD TIME TO SHIP	COMMENTS
	<p>WELCH 1400B-01 DUOSEAL BELT DRIVE HIGH VACUUM PUMP 25 LPM X 0.1 MICRONS 115V/60HZ</p> <p>LEGENDARY DURABILITY</p>	1 WEEK OR DEALER STOCK	<p>For Short Path systems that are properly leakproofed, 25-35 LPM flow rate is ideal for highest efficiency of cold trapping to prevent Terpene ingestion.</p> <p>See Welch Technical Newsletter 2017-1 for guidance on leakproofing to get your system below 100 microns.</p>
	<p>WELCH 3041-01 CRVPRO 4 DIRECT DRIVE HIGH VACUUM PUMP 78 LPM X 0.4 MICRONS 115V/60HZ COOL RUNNING, LOW EXHAUST OIL MISTING</p> <p>UL RATED</p>	IN STOCK	<p>UL rated high vacuum pump for Short Path systems 2L, 3L, 5L, up to 50L. For 5L or smaller, use a Flow Restrictor to reduce to 25-35 LPM for highest efficiency cold trapping. For wiped film systems, see Welch CRVpro6.</p>
	<p>WELCH 2070B-01 CHEMSTAR DRY OIL-FREE CHEMICAL DUTY DRY VACUUM SYSTEM 150 LPM X 50 MICRONS 115V/60HZ</p> <p>OIL-FREE</p>	2 WEEKS OR DEALER STOCK	<p>High vacuum system For Short Path systems 2L, 3L, 5L, up to 50L. For 5L or smaller, use Kimble Flow Restrictor to reduce to 25-35 LPM for highest efficiency cold trapping. Suitable also for wiped film Systems.</p>
	<p>WELCH 1420H-14 STAINLESS STEEL COLD TRAP ½" HOSE PORTS</p>	1 WEEK OR DEALER STOCK	<p>High capacity cold trap can use dry ice or Polyscience IP60 immersion cooler as cold source. Contact your Extractions Lab Equipment Dealer if glass cold trap required.</p>
	<p>WELCH 331020-5* WELCH 331030-5** WELCH 331040-5*** VACUUM HOSE, THICKWALL RED RUBBER *¼" ID X 5 FEET **¾" ID X 5 FEET ***7/16" ID X 5 FEET</p>	ALL SIZES IN STOCK Hose Clamps available from Welch or locally	<p>Highest quality vacuum hose lasts longer, won't collapse. Use on exhaust side, too, to channel vapors to safe ventilation. Pumps and 1420H-14 use 331040-5. Many Short Path glassware vacuum ports accept 331030-5 or 331020-5.</p>
OPERATING TIPS	<p>For users seeking highest-flow vacuum pumps, contact Welch about CRVpro 30, a 22 CFM robust direct drive high vacuum pump, UL Rated!</p>	<p>Contact Welch about Kimble 826500-0008 flow rate restrictor</p> 	<p>Contact Welch for Technical Newsletter 3-1A about monitoring vacuum pressure levels, oil changes and flushing, and other useful Best Practices tips. www.welchvacuum.com</p>