

Welch®
Laboratory Vacuum Catalog
2005-2006

Vacuum Gauges & Vacuum Regulators
Catalog Page 35

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Vacuum Regulators, Vacuum Gauges & Service Kits

Vacuum Regulators



1422A Bench Mount



1421 & 1421D Pump Mount

PUMP MODEL	CAT. NO.
2010, 2012, 2022, 2030, 2015, 2017 2021, 2031, 2561, 2567, 2581, 2585	1422A
2012, 2022, 2030, 2015 2017, 2010, 2021, 2031	1421D
8890	1421

Model 1422A connects to pump intake via hose for easy regulation of vacuum level. Position on bench top. Corrosion resistant construction. Requires 1/4 in. (7 mm) ID hose (cat. no. 331030-5).

Model 1421 & 1421D replaces inlet barb and allows easy regulation of vacuum level. Includes an easy to read dial gauge. Cat. No. 1421D-All stainless steel construction. Cat. No. 1421-Brass Construction.

CAUTION: Do not use with DUOSEAL®, CHEMSTAR® or Direct-Drive pumps.

Dial Pressure & Vacuum Gauge



Dial Diameter	Units of Measure	Connection	CAT. NO.
2 in. O.D.	in. Hg, cm Hg (Brass)	1/8" male NPT	726021
2 in. O.D.	Pascal (Brass)	1/8" male NPT	726022
2.5 in. O.D.	in. Hg, mm Hg (Brass)	1/4" male NPT	726020
2 in. O.D.	in. Hg, kPa (Stainless)	1/8" male NPT	726023
2 in. O.D.	mbar/kPa (Brass)	1/8" male NPT	726024
2 in. O.D.	psi/kgsm	1/8" male NPT	726025
2 in. O.D.	kPa/psi	1/8" male NPT	726026

Inexpensive gauge for measuring vacuum level. Not an absolute pressure gauge. Gauge uses atmospheric pressure as reference.

Thermocouple Vacuum Gauges



- Vacuum measurement to low millitorr (micron) range
- Rugged, reliable thermocouple gauge sensor tube

Gauges provide an accurate, reliable measurement of vacuum. Self-contained gauges with solid-state electronics for rapid response time, long life and low maintenance. Comes with a 0 to 10 VDC recorder output. The gauge sensor tubes are designed to assure maximum sensitivity over the entire vacuum range. Gauge sensor tube connected to system via 1/8" NPT thread. Each gauge comes with one sensor tube and one cable. Dimensions of 7" L x 5" D x 5.6" H (17.8 x 12.7 x 14.1); Weight 2 lbs(0.9 kg).

Gauge CAT. NO.	Range(millitorr)	Voltage	Protective Trap CAT. NO.	Replacement Sensor Tube CAT. NO.
1515	0 to 5000	115V, 60Hz 1 Ph	1515B	1515A

Standard Duty Dry Piston Pump Kits



Pump Model	Kit No.	Description
2522	2522K-01 2522K-03	Service Kit One Head Service Kit, 2522
2534	2534K-01 2534K-03	Service Kit One Head Service Kit, 2534
2546	2546K-01 2546K-03	Service Kit One Head Service Kit, 2545
2522, 2534, 2545, 2546	2522K-04 2522K-05 2522K-06 2522K-07 2522K-08 2522K-09	Seal Service Kit Vacuum Reg Kit, in. Hg/cm Hg Pressure Reg Kit, kPa/psi Vacuum Reg Kit, kPa/mbar Vacuum Reg Kit, kPa/in. Hg Pressure Reg Kit, psi/cm Hg
2580, 2585	2585K-01 2585K-02 2585K-03 2585K-04	Connecting Rod Assembly Valve Plate Assembly Two Head Service Kit, 2585 Seal Service Kit, 2585
2562/2567	2567K-03 2567K-04	Two Head Service Kit, 2562 Seal Service Kit, 2562
2561	2561K-03 2561K-04	Two Head Service Kit, 2561 Seal Service Kit, 2561
2581	2581K-03 2581K-04	Two Head Service Kit, 2581 Seal Service Kit, 2581
All Models WOB-L® Dry Pump	2500K-04	Service Kit for Feet