

Fischer Technical Company

PILOT5000 CHEMICAL-RESISTANT DIAPHRAGM VACUUM PUMP

The **PILOT5000** (115V) and **PILOT5000C-02** (230V) Chemical Resistant Diaphragm Vacuum Pumps are durable and chemical resistant. All contact surfaces are PTFE coated. Both include an inlet trap and vacuum regulator, and are a perfect choice for vacuum filtration, desiccation, and other mid-range vacuum applications. The **PILOT5000** and **PILOT5000C-02** are resistant to bleach and acetone vapors allowing them to be used with cell culture decontamination protocols. The **PILOT5000** and **PILOT5000C-02** are a 20 psi continuous duty pump.

Air Flow Rate (lpm)	CFM (L/min) @ 60 Hz 1.3 (37) CFM (L/min) @ 50 Hz 1.1 (31)
Maximum Vacuum, Hg	24"
Ultimate Pressure, Torr (mbar)	150 (200)
Tubing Needed, I.D.	1/4"
Cord Supplies	North American 115V Plug or North American 230V and 230V European Shuko
Motor H.P.	1/5
Usage Hours	15,000
Motor Voltage & Frequency	115V, 60Hz, 1Phase
Motor Amps	3.5
Overall Pump Dimensions	8.75"L x 5.0"W x 8.75"H
Shipping Dimensions	20" L x 16"W x 14"H
Weight	13 lbs.
Shipping Weight	17 lbs.
Certification	UL Recognized
Warranty	One Year Warranty



PRESSURE REGULATOR KIT ASSEMBLY

Regulator Kit Includes:

- Dial Pressure gauge
- Hand Knob Control
- 1/4" O.D. Hose barb
- 1/8" NPT Exhaust Adapter
- Built in Silencer

Instruction sheet for installation on both pumps.



TLD3500K-06
Optional Accessory

LAB DEPOT SKU	DESCRIPTION	WHOLESALE	MAP	MSRP
TLD5000	PILOT5000 Chemical Resistant Diaphragm Vacuum Pump 115V / 60 Hz (50 Hz)			
TLD5000C-02	PILOT5000C-02 Chemical Resistant Diaphragm Vacuum Pump 230V / 60/50 Hz			
TLD5000K-01	Service Kit - Diaphragm Replacement Parts TLD5000			
TLD5000K-03	Service Kit - Major Rebuild Parts TLD5000			
TLD2500K-04	Service Kit - Rubber Suction Cup Feet			
TLD2500K-05	Vacuum Regulator Kit Assembly			
TLD3500K-06	Pressure Regulator Kit Assembly			

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PILOT3000 ECONOMICAL CHEMICAL-RESISTANT DIAPHRAGM VACUUM PUMP

The **PILOT3000** economical chemical-resistant diaphragm vacuum pump is constructed from quality parts, manufactured in the USA and offered at an affordable price. This Laboratory Vacuum pump is library-quiet - the noise level is only ~ 54 dB small, durable, and chemical resistant! The **PILOT3000** is nearly maintenance-free because of the PTFE coated surfaces, PTFE membrane, stainless steel valves and oil-free design. The pump features a vacuum regulator with gauge to adjust and monitor vacuum level. The **PILOT3000** is a 20 psi continuous duty pump.

Air Flow Rate (lpm)	CFM (L/min) @ 60 Hz 0.7 (20)
Maximum Vacuum, Hg	22"
Ultimate Pressure, Torr (mbar)	190 (253)
Tubing Needed, I.D.	1/4"
Cord Supplies	North American 115V Plug
Motor H.P.	1/7
Usage Hours	15,000
Motor Voltage & Frequency	115V, 60Hz, 1Phase
Motor Amps	1.5
Overall Pump Dimensions	6.8"L x 7.3"W x 8.3"H
Shipping Dimensions	16"L x 16"W x 16"H
Weight	7.5 lbs.
Shipping Weight	12 lbs.
Certification	UL Recognized
Warranty	One Year Warranty



PRESSURE REGULATOR KIT ASSEMBLY

Regulator Kit Includes:

- Dial Pressure gauge
- Hand Knob Control
- 1/4" O.D. Hose barb
- 1/8" NPT Exhaust Adapter
- Built in Silencer

Instruction sheet for installation on both pumps.



TLD3500K-06
Optional Accessory

LAB DEPOT SKU	DESCRIPTION	WHOLESALE	MAP	MSRP
TLD3000	PILOT3000 Economical Chemical Resistant Diaphragm Vacuum Pump 115V / 60 Hz (50 Hz)			
TLD3000K-01	Service Kit - Diaphragm Replacement Parts TLD3000			
TLD3000K-03	Service Kit - Major Rebuild Parts TLD3000			
TLD2500K-04	Service Kit - Rubber Suction Cup Feet			
TLD3500K-05	Vacuum Regulator Kit Assembly			
TLD3500K-06	Pressure Regulator Kit Assembly			