



**Model
2050**



**Model
2060**

- **Powerful, Portable, & Economical**
- **Lab or Field Usage**
- **Advanced Chemical Resistance**

Quiet GEMINI pumps use DC motors, powered by an AC adapter unit in the lab or a 12 VDC adapter for your vehicle.

GEMINI gives you enhanced chemical resistance - tolerant beyond aqueous fumes for use with solvents and weak acids/bases. GEMINI's high performance components will not corrode. Chemical resistance is built in with polyarylamide heads and fluoropolymer elastomer diaphragms, tubing and valves. The oil-free dry pump design provides top performance in a portable durable package.

For convenient vacuum readout and regulation, order Model 2060. Not recommended for use with strongly acidic or basic fumes. For organic fume applications, check for chemical compatibility with fluoropolymer elastomer. Not recommended for rotary evaporator, concentrator, or vacuum oven applications. See PTFE dry vacuum pumps and systems (p. 26 - 31) for applications requiring higher vacuum/flow with harsh or aggressive chemicals.

Specifications

Model	2050	2060
Free Air Displacement cfm (l/min.)	0.46(13)	0.46(13)
Ultimate Pressure, torr(mbar) ¹	200(266)	200(266)
Vacuum Regulator & Gauge	No	Yes
Max Vacuum, in. Hg	22	22
Tubing, I.D. in.(mm)	3/8(10)	3/8(10)
Overall Dimensions LxWxH in.(cm)	7.6x4.5x7.5 (19.4x11.4x19.1)	9.25x7.25x8.5 (23.5x18.4x21.6)
Weight, lbs.(kg)	5.3(2.4)	11(5)
Ship Weight, lbs.(kg)	7(3.2)	13(5.9)

Ordering Information¹

115V, 60Hz w/N. American 115V plug	2050B-01	2060B-01
230V, 50Hz, w/Cont. Euro.(Schuko) Plug	2050C-02²	2060C-02²

Notes:

1. All Cat. Nos. include a +12V DC auto adapter.
2. Cat. Nos. 2050C-02 and 2060C-02 come with CE mark.



**Model
8150**

- **Vacuum pump mounted on a 10 gal(38 L) tank**
- **Vacuum reservoir for instant vacuum availability**
- **WOB-L pump is tolerant of line moisture**

Use this durable 10 gallon vacuum tank system for smooth operation of light industrial processes. Simplex tank mounted standard duty WOB-L[®] piston pump provides powerful vacuum (to 27.6" Hg). Moisture tolerance is far superior to that of dry graphite vane vacuum pumps.

System includes ASME code receiver, vacuum gauge, exhaust muffler and manual shutoff valve. The three position switch allows for on/off continuous duty or automatic on/off at a set vacuum level. 115V, 6 ft. power cord, shipped fully assembled.

Applications

- Pick and Place operations
- Small scale vacuum forming
- Modular vacuum networks
- Vacuum chucking

Specifications

Model	8150
Free Air Displacement cfm (l/min.) @60Hz	7.1(201)
Ultimate Pressure, torr(mbar) ¹	60(80)
Max Vacuum, in. Hg	27.6
Tank Volume, gal.(liters)	10(38)
Inlet/ Outlet connections, in. FNPT	1/4
Tubing, I.D. in.(mm)	1/4(6)
Weight, lbs.(kg)	64(29)
Overall Dimensions LxWxH in.(cm)	30 x 11 x 23 (76x28x58)
Ship Weight, lbs.(kg)	124(48.8)
Shipping Crate Dimensions LxWxH in.(cm)	35x16x28 (89x41x58)

Ordering Information

115V, 60Hz w/N. American 115V plug	8150B-30
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