

GEMINI® DRY VACUUM PUMPS



Model 2050



Model 2060

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

Simplify your sampling and preparative procedure with Welch's GEMINI pump. Use the same powerful, light-weight vacuum pump in the lab, or in the field!

Quiet GEMINI pumps use DC motors, powered by an AC adapter unit in the lab or a 12 VDC adapter for your vehicle. Pump fumes up to 13L/min/achieve vacuum to 190 Torr.

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 Viton 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.

Vacuum Versatility - Anywhere

- Sampling/Aspiration
- Filtration
- Degassing
- Desiccation

Note:

1. Not recommended for use with strongly acidic or basic fumes. For organic fume applications, check for chemical compatibility with Viton®. Not recommended for rotary evaporator, concentrator, or vacuum oven applications. See PTFE dry vacuum pumps and systems (p. 22 & 23) for applications requiring higher vacuum/flow with harsh or aggressive chemicals.

Specifications

Welch Model
Free Air Displacement
CFM(L/min)
Ultimate Pressure, Torr(mbar)
Vacuum Regulator and Gauge
Max Vacuum, in. Hg
Inlet thread NPT
Tubing, I.D. in.(mm)
Weight, lbs.(kg)
Dimensions LxWxH, in.
cm
Shipping weight, lbs.(kg)

Ordering Information

Pump w/115V, 60Hz, 1 Ph power adapter w/ N. Amer. plug +12 VDC auto adapter
Pump w/230V, 50Hz, 1 Ph power adapter with cont. Euro.(Schuko) Plug +12 VDC auto adapter

GEMINI Pumps

2050	2060
0.3(8.5)	0.46(13)
190(253)	200(266)
No	Yes
22.4	22.0
—	1/8
3/8(10)	3/8(10)
5.3(2.4)	11(5)
7.6x4.5x7.5	9.25x7.25x8.5
19.4x11.4x19.1	23.5x18.4x21.6
7(3.2)	13(5.9)

2050B-01	2060B-01
2050C-02	2060C-02



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.