

Field Filtration/Sampling

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)

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)

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

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