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

GEMINI Pumps		
Welch Model	2050	2060
Free Air Displacement		
CFM(L/min)	0.3(8.5)	0.46(13)
Ultimate Pressure, Torr(mbar)	190(253)	200(266)
Vacuum Regulator and Gauge	No	Yes
Max Vacuum, in. Hg	22.4	22.0
Inlet thread NPT	———	1/8
Tubing, I.D. in.(mm)	3/8(10)	3/8(10)
Weight, lbs.(kg)	5.3(2.4)	11(5)
Dimensions LxWxH, in.	7.6x4.5x7.5	9.25x7.25x8.5
cm	19.4x11.4x19.1	23.5x18.4x21.6
Shipping weight, lbs.(kg)	7(3.2)	13(5.9)

Ordering Information

Pump w/115V, 60Hz, 1 Ph power adapter w/ N. Amer. plug +12 VDC auto adapter	2050B-01	2060B-01
Pump w/230V, 50Hz, 1 Ph power adapter with cont. Euro.(Schuko) Plug +12 VDC auto adapter	2050C-02	2060C-02