

Please see the pump selection reference chart on p. 1 for your specific needs.

WOB-L and GEMINI

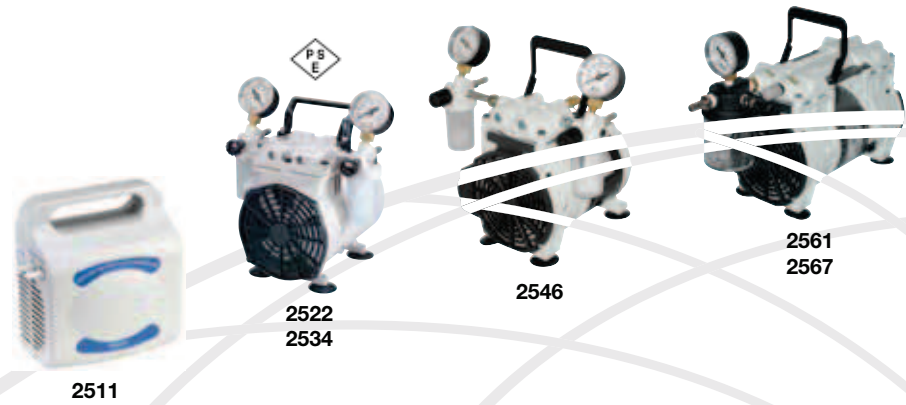
- Aqueous Vacuum / Pressure Filtration
- Vacuum Oven
- Air / Gas Sampling
- Automation
- Desiccation
- Vacuum Chamber

GEMINI

- Lab or Field Filtration / Sampling
- Desiccation / Degassing



Standard Duty WOB-L Piston Pumps



Specifications

Welch Model	2511	2522	2534	2546	2561	2567
		Vacuum/Pressure Pumps			Standard Duty Vacuum Pumps	
Number of heads / stages	1 / 1	1 / 1	1 / 1	1 / 1	2 / 2	2 / 1
Free Air Displacement						
m ³ /h(L/min)@50Hz	0.55(9.2)	1.1(18)	1.7(28)	2.3(38)	3.0(50)	4.9(83)
cfm(L/min)@60Hz	0.39(11)	0.76(22)	1.2(34)	1.6(45)	2.1(60)	3.5(100)
Ultimate pressure, mbar(torr)	292(219)	133(100)	93(70)	80(60)	6.7(5)	80(60)
Maximum Vacuum, in. Hg	21.3	26	27.2	27.6	29.8	27.6
Max. overpressure, bar	3.3	7.9	5.8	5.2	----	----
IN / EX hose connector	DN 6	DN 8	DN 8	DN 8	DN 10	DN 10
Tubing Needed, I.D. mm(in.)	6(0.24)	8(0.31)	8(0.31)	8(0.31)	10(0.38)	10(0.38)
Intake/Exhaust Thread NPT	----	1/4(1/4)	1/4(1/4)	1/4(1/4)	1/4(1/4)	1/4(1/4)
Motor Power, watts(HP)	25(0.03)	93(0.13)	93(0.13)	190(0.24)	250(0.34)	250(0.34)
Weight, kg(lbs.)	2.0(5)	5.3(7.7)	5.3(7.7)	5.3(7.7)	7.4(16.5)	7.4(16.5)
Overall Dimensions						
L cm(in.)	19.4(7.6)	20.6(8.1)	20.6(8.1)	25.4(10)	43.9(17.3)	38.1(15.0)
W cm(in.)	11.4(4.5)	22.4(8.8)	22.4(8.8)	19.1(7.5)	16.5(6.5)	25.4(10)
H cm(in.)	19.1(7.5)	25.4(10)	25.4(10)	22.9(9)	26.7(10.5)	25.4(10)
Ship Weight, kg(lbs.)	2.7(6)	7.7(17)	7.7(17)	7.7(17)	10.9(24)	10.9(24)
Shipping Carton Dimensions						
LxWxH cm(in.)	33x23x24 (13x9x9.5)	38x27x31 (15x10.5x12)	38x27x31 (15x10.5x12)	38x27x31 (15x10.5x12)	55x32x41 (21.5x12.5x16)	55x32x41 (21.5x12.5x16)

Ordering Information

230V, 50/60Hz, 1 Ph ¹	2511C-02	2522C-02	2534C-02	2546C-02	2561C-50	2567C-50
115V, 50/60Hz, 1 Ph ²	2511B-01	2522B-01	2534B-01	2546B-01	2561B-50	2567B-50
115/230V, 50/60Hz, 1 Ph ³	----	----	----	----	----	----
90-260V, 50/60Hz ⁴	----	----	----	----	----	----
100V, 50/60Hz, 1 Ph ⁵	2511C-05	2522C-05	----	----	2561C-56	----
230/400V, 50/60Hz, 3 Ph ⁶	----	----	----	----	----	----

Note:

Every Vacuum / Pressure pump is supplied with vacuum and pressure regulator, vacuum and pressure gauge, silencer and water trap.

All standard WOB-L piston pumps are recommended for pumping vapors of aqueous solutions including buffers but not for acidic, basic or organic vapors or gases.

If there is a need for service information and service kits please see p. 31.

1. With Schuko and UK plug leads
2. With US plug lead
3. With Schuko, UK and US plug leads
4. With AC/DC adapter, Schuko, UK and US plug leads + 12V DC car adapter
5. With JP plug lead
6. Requires hard wiring to switched supply
7. With 3 phase 16A CEE plug lead
8. These pumps can be delivered on request (other country specific plug leads available upon request, please see p. 32)