

Welch VCpro601 Vacuum Control Box



Can be used to precisely and easily regulate the pressure for your laboratory or industrial application from 1100 down to 1 mbar. The controller is equipped with a highly resistant ceramic sensor to allow control of chemical processes.



- Precise vacuum control with timed ramp capability
- Control by vacuum and vent valves to allow for increase and decrease of pressure
- Fully programmable modes to allow run repeatability
- Intuitive ICON-navigation of control screens
- Connectivity through LAN and RS232
- Built-in function for self-cleaning of diaphragm pump
- Security levels for administrators and users
- Log files on all pump activities for easy trace back
- High-Res display with dark and light screen modes
- Digital and analogue vacuum pressure display
- Multiple languages: EN, DE, ES, FR, RU, ZH
- Solvent library for quick selection of vacuum level

Code	Alt Ref	Measuring Range, mbar	Accuracy	Connector	Price
PUM1048	600100	1 - 1100	0.3% FS	8	£1646.00



Apiezon N Cryogenic Grease

Apiezon N grease is silicone-free and widely recognised and recommended as the cryogenic vacuum grease of choice. This cryogenic grease is specially formulated to exhibit craze free performance characteristics at low temperatures and withstand frequent cycling between cryogenic temperatures as low as -273 to 30°C.

- Fills the micropores of adjoining surfaces, so improve thermal contact
- Does not suffer from contamination problems associated with silicone based greases such as 'creep' or 'carry over'
- Exhibits a vapour pressure of 6×10^{-10} Torr at 20°C
- Powerful 'gettering' action, meaning it absorbs potentially harmful grease and chemical impurities on metal and glass surfaces
- Easy to clean, use and remove as it is soluble in hydrocarbon solvents

Code	Pack	Price
VAC1004	25g	£195.00



Verderflex Economy Peristaltic Pumps

Simple to use, 'no frills' range of cased drive tube pumps. Ideal for benchtop use in laboratories and process environments, this compact range provides accurate flow and consistent dosing up to 8L/min.

- Fast prime switch
- Variable speed control
- IP30 chemical resistant epoxy polyester coating
- Gentle pumping action, ideal for shear sensitive fluids
- Highly accurate dosing with no product slip
- Zero contamination - the fluid is hygienically contained within the tubing of the pump
- Self-priming
- Dry running
- Reversible
- Ideal for dosing harsh, aggressive, or viscous products
- Quick and easy tube change

Code	Alt Ref	Description	Tube Assembly	Min - Max Flow Rate, mL/min	Max Speed, RPM	Price
PUM1078	160.4000	EV045	1.6 x 1.6	0.7 - 12	5 - 60	£564.00
PUM1082	160.4200	EV045	4.0 x 1.6	5 - 60	5 - 60	£536.00
PUM1084	160.5000	EV500	1.6 x 1.6	2 - 23	5 - 82	£834.00
PUM1088	160.5300	EV500	4.0 x 1.6	7 - 115	5 - 82	£727.00
PUM1090	160.1000	EV1500, no tubes	—	190 - 1710*	30 - 240	£913.00
PUM1092	160.3000	EV3000, no tubes	—	210 - 1925**	30 - 250	£1041.00

* With 6.4 x 2.4 tube, sold separately, alternative tube assemblies are available

** With 6.4 x 3.2 tube, sold separately, alternative tube assemblies are available