ILMVAC

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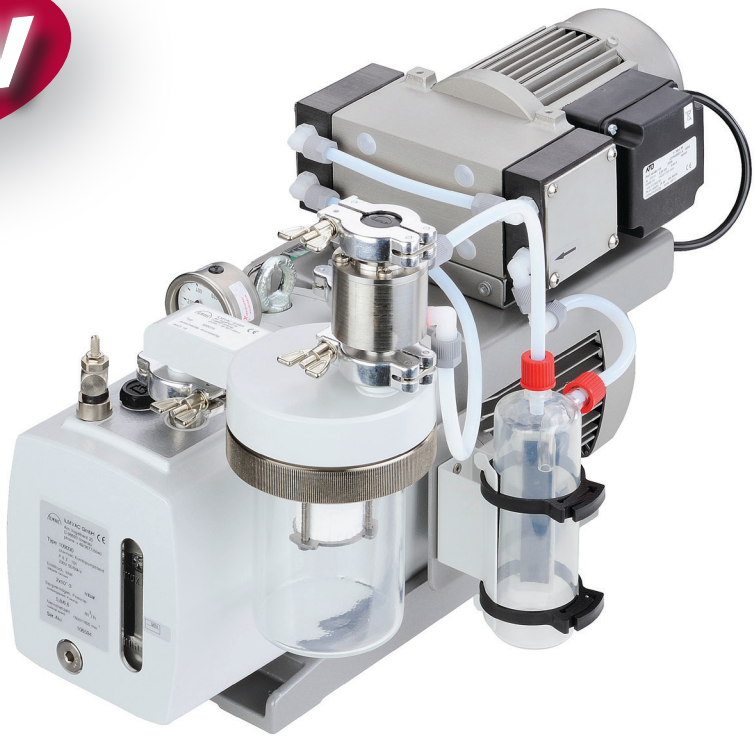


P 6 Z 101
Chemvac Combination Pump System

- Corrosion optimized combination system
- Minimum oil contamination
- Extending oil change due to MPC prevention pump

P 6 Z 101

The combination pump system for chemical applications

Intelligent 2-pump system

The combination of a diaphragm pump with a rotary vane pump was developed to take advantage of the strong points of each type of pump. The chemical diaphragm pump can withstand corrosive gasses and remove the resulting condensate prior to its absorption in the double stage rotary vane pump oil by constantly distilling the oil during operation. The rotary vane pump provides a much lower ultimate vacuum and will have a long life with the pump oil being free of contaminates.

Pump prevention at the highest level

Chemvac Combination Pump Systems are used for producing fine-vacuum. They are corrosion optimised combinations of a two stage rotary vane pump an a chemically resistant diaphragm pump. The diaphragm pump maintains the oil stages at 8 mbar making it impossible for vapor to condense until they have passed out of the pilstage. The result is a pump with the vacuum capabilities of a rotary vane pump combined with the solvent and acid handling capabilities of a PTFE diaphragm pump.

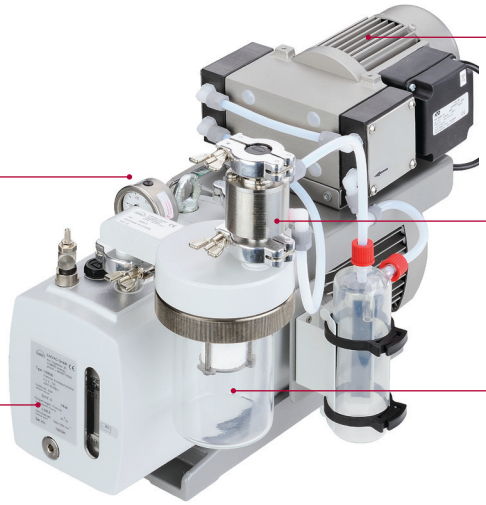
Applications:

- Freeze Drying
- Vacuum Manifold
- Schlenkline
- Lab applications with chemical and corrosive gases / vapours

Design Features:

- Combination of rotary vane pump and diaphragm pump
- Prevention of contamination risks
- Achieves high vacuum level continuously while with-standing corrosive gases
- Longlife and extented oil change period

Certification:
CE Marked



Technical Features/Ordering Information :

Model	Pumping Speed m³ / h	Ultimate Pressure mbar	Tubing Needed mm	Dimensions W/D/H mm	Weight kg	CAT. No.
Chemvac Pump System P 6 Z 101, 230V 50/60 Hz	5,8/6,6	2 x 10^{-3}	DN KF 16	500/330/340	25.5	109030

Scope of Delivery: Every pump is supplied with oil mist separator, solvent trap, dial vacuum gauge, vacuum pump oil (Labovac 10), centerring ring and hinge clamp ring. Pump system is completely mounted, ready for use after oil filling. AC/DC power adapter, plug lead Schuko, UK and US, gauge, control knob, liquid trap.

Accessories:

Freeze Dryer Adapter Kit
CAT. No. 330044

Oil Change Set
CAT. No. 340003

Vacuum Measurement Kit
CAT. No. 330051

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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.