

Rotary Vane Pumps, ILMVAC®

The rotary vane pumps of the P-Z series from ILMVAC are ideally suited for use in the laboratory.

Advantages of the ILMVAC rotary vane pumps for the users:

- high water vapor tolerance
- compact, light-weight construction
- low noise emission
- high reliability
- no oil contamination of the chamber by migration or suck-back
- high pumping speed
- free of non-ferrous metals
- low, ultimate pressures are reached quickly
- direct drive with elastic coupling
- robust, functional construction
- long service intervals
- low energy consumption
- easy reassembly when servicing
- permanent operation possible
- simply attach and switch on

Ranges of application:

- vacuum drying
- distillation
- spectral analysis
- freeze drying
- vacuum concentration
- and everywhere else a vacuum is required

Scope of delivery:

rotary vane vacuum pump ready-to-use with oil charging, centering ring, clamping ring, motor protection switch and main power switch. Special oils available on request.

Mains cable and plug are included.

On request:

Helium-tight models or other voltages.

① Two stage rotary vane pumps

Ultimate pressure without gas ballast total 2×10^{-3} mbar

Type	Suction rate 50/60 Hz m ³ /h	Wght kg	W x D x H mm	Order No.
PK 2 DC	1.8/2.2	8.0	330×165×170	56 92 32010
P 4 Z	4.6/5.5	17.5	415×150×235	56 92 32099
P 6 Z	5.8/6.6	19.5	430×150×235	56 92 32100
P 8 Z	7.2/8.6	21.5	445×150×235	56 92 32101
P 12 Z	11.0/13.2	35.0	540×170×260	10 92 42314
P 17 Z	16.0/19.2	37.0	540×170×260	10 92 42315
P 23 Z	21.0/25.2	38.0	540×170×260	10 92 42316

Accessories for rotary vane pumps

Article	for type	Order No.
Oil mist filter OME 10/16	PK 2 DC, P 4 Z, P 6 Z	56 92 70010
oil mist filter OME 10/25	P 8 Z, P 12 Z, P 17 Z	56 92 70011
Separator pressure side AKD 16	P 4 Z, P 6 Z	56 92 30883
Separator pressure side AKD 25	P 8 Z, P 12 Z, P 17 Z	56 92 30885

More accessories on request.

② Oils for rotary vane pumps

LABOVAC oils for rotary vane pumps are subject to continuous and careful quality control. Various oil specifications are needed to cover the range of vacuum applications. ILMVAC therefore offers five types of LABOVAC oil for optimum coverage of the entire spectrum.

Article	Ultimate pressure at 20°C mbar	Visc. at 40°C cST	Flash point 15°C	Density at °C g/ml	Order No.	PU Liter/ Pack
LABOVAC-10	10^{-5}	118	270	0.888	56 92 80122	1
LABOVAC-11	10^{-5}	110	260	0.960	56 92 80125	1
LABOVAC-12S	10^{-8}	94	260	0.886	56 92 80128	1
LABOVAC-13	10^{-6}	120	-	1.89	56 92 80131	1
LABOVAC-14	$<10^{-6}$	47.9	257	0.918	56 92 80135	1



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