

UniDrive **LC-MS**

Single-Phase, Single-Stage Oil Sealed Rotary Vane Vacuum Pump Designed for mass spectrometers

UniDrive LC-MS is a single-phase, single-stage, oil-sealed rotary vane vacuum pump optimized for Liquid chromatography–mass spectrometry. Designed to complement your LC-MS system, UniDrive LC-MS offers a compact design as well as noise reduction; Optimal for laboratory environments.



▶ **Optimal for Laboratory**

Designed with quiet operation in mind, these pumps are ideal for low noise environments, perfect for laboratory use.

▶ **Integrated Oil Mist Filter**

High efficiency oil mist filters prevent oil vapor exhausting into the equipment space while also prolonging the service life.

▶ **Gas Ballast**

Adjustable gas ballast allows for the different requirements of condensable gas to be exhausted.



UDS75

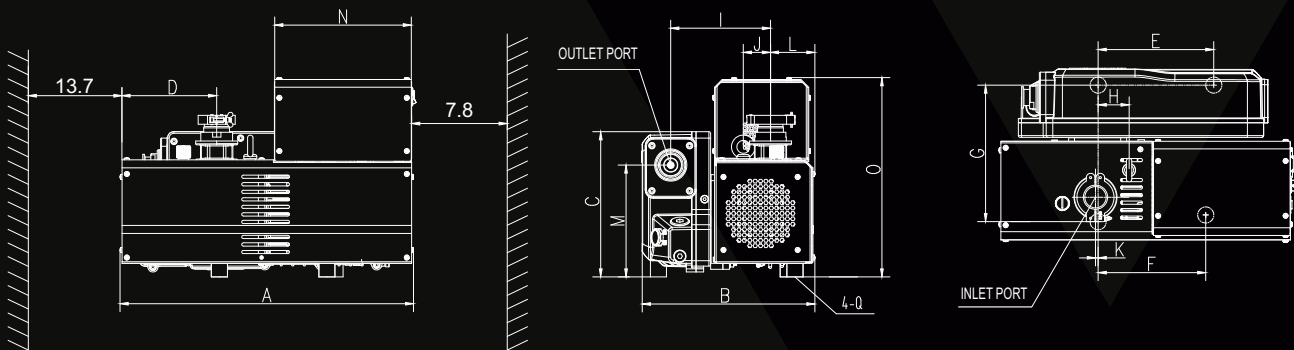
▶ **Single Phase**

UniDrive LC-MS

▼ Single-Phase, Single-Stage Oil Sealed Rotary Vane Vacuum Pump
Designed for Mass Spectrometers

SPEC		UDS55	UDS75
Pumping Speed (60Hz)	m ³ /h (CFM)	50 (30)	70 (41)
Ultimate Pressure	mbar (Torr)	≤0.15 (0.11)	≤0.15 (0.11)
Power Supply		Single Phase, 220V/50-60Hz	Single Phase, 220V/50-60Hz
Power Rating	kW	1.5	1.5
Motor Speed	rpm	1400	1800
Inlet/Outlet		KF40/KF25	KF40/KF25
Oil Capacity	L	2.5	2.5
IP Rating		IP20	IP20
Noise Level	dB	≤63	≤65
Weight	lbs	121.2	121.2
Dimensions (L*W*H)	in	21.5x12.7x14.6	21.5x12.7x14.6

Dimensions



Unit: inch

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Q	Inlet	Outlet
UDS55	21.5	12.7	10.6	6.9	8.5	7.9	9.3	2.3	7.3	2	0.2	3.3	8.2	10	14.6	M8	KF40	KF25
UDS75	21.5	12.7	10.6	6.9	8.5	7.9	9.3	2.3	7.3	2	0.2	3.3	8.2	10	14.6	M8	KF40	KF25