

ECODRY 25 & 35 plus



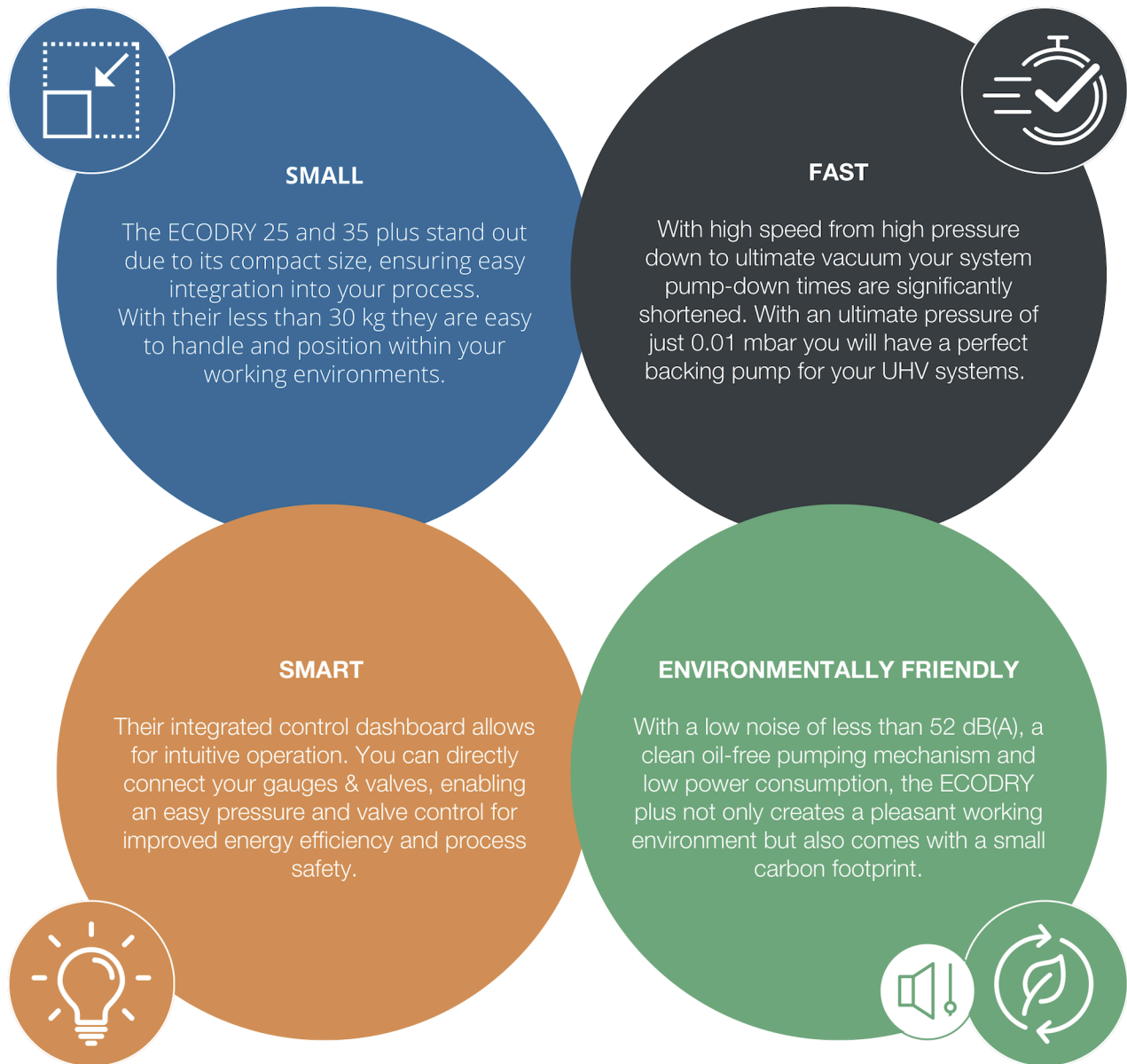
Multistage roots vacuum pump

High performing compact vacuum pumps for clean applications



ECODRY plus models with peak pumping speeds of 25 and 35 m³/h.

Enhance your vacuum application with the ECODRY plus dry multistage roots technology



Sterilization

Particle Accelerator

Helium Cryostats

UHV Systems

Vacuum Drying

Leak Detection

Surface Science

Mass Spectrometry

Space Simulation

Turbo Pump Backing

Glove Box

Electron Microscopy

Intelligent pump control

The Integrated dashboard enables easy push-button control of pump operation. Front USB connector for data monitoring and pump configuration via our free and easy-to-use LEYASSIST software.

With a wide voltage range the pumps are suited for consistent operation in all parts of the world.



For improved power consumption and even lower noise emission a gauge can be connected to the pump for automatic standby mode when pressure is low enough to run the turbo pump.

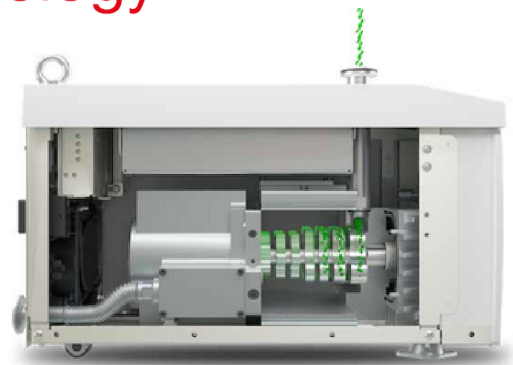


Dry multistage roots technology

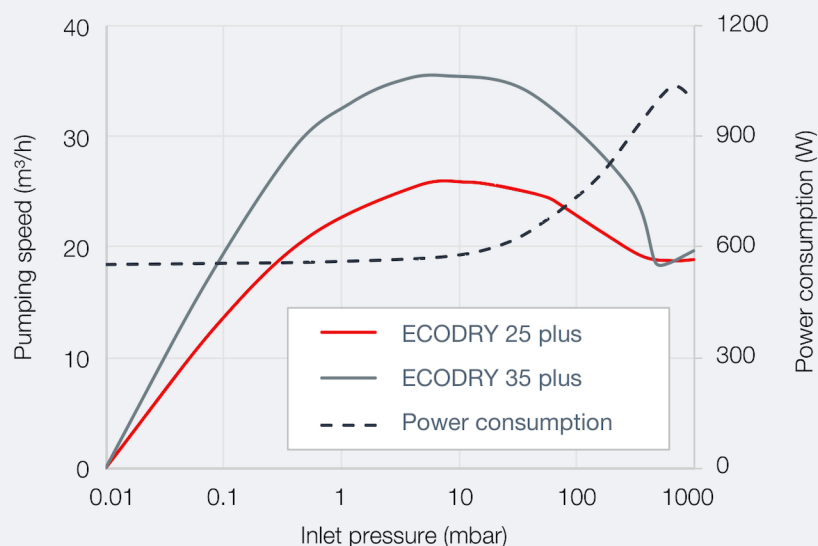
The ECODRY 25 & 35 plus come with a dry sealed, contact free mechanism.

Thanks to this, the pumping chamber is clean and free of oil. No wear and no oil exchange required means those pumps are maintenance-free for up to five years.

The pumps rotors are turning with high speeds contact-free so you can enjoy a consistent and smooth operation with low noise and vibration.



Pumping speed



Technical data

	ECODRY 25 plus	ECODRY 35 plus
Peak pumping speed	25 m ³ /h	35 m ³ /h
Typical ultimate pressure	0.01 mbar	
Maximum continuous inlet pressure	1013 mbar	
Maximum exhaust pressure	200 mbar (g)	
Inlet/exhaust flange	DN 25 ISO-KF	
Noise at ultimate pressure	52 dB(A)	
IP class	IP20	
Leak tightness	< 1 x 10 ⁻⁶ mbar l/s	
Voltage	100-127V/200-240V (switchable) 50/60 Hz	
Power at ultimate pressure	600 W	
Weight	29 kg	
Dimensions	494 x 248 x 304 mm (LxWxH)	
Ambient conditions	+5 to +40°C Max. 3000 m	
Part numbers	162025V001	162035V001

Accessories

	Part number
Mounting kit	162800A001
Gas ballast blank plug	141100A01
Purge gas adapter (with restriction)	141100A03
Purge gas adapter (no restriction)	141100A02
Inlet Screen DN 25 ISO-KF	E41170206
DSUB9/USB Adapter for X104 interface	161820USB
USB connection cable A/B	800110V0180
SECUVAC DN25 KF 24V inlet valve	215065
SECUVAC connection cable	800103V0040
Mains cable EU (Schuko plug)	161810EU
Mains cable UK (UK-BS 1363 plug)	161810 K
Mains cable US (115 V), NEMA 5-15 P plug	141103US
Mains cable US (220 V), NEMA 6-15 P plug	161810US
Mains cable China/Australia, CN GB 2099 plug	161 810 CN



Pioneering products. Passionately applied.