

 **Leybold**

# **ECODRY plus**

Solving your Efficiency Puzzle





**Leybold presents new ECODRY plus variants with peak pumping speeds of 25 and 35 m<sup>3</sup>/h complementing the product range. How can your vacuum application benefit from our new vacuum pump?**



**SMALL**

The new ECODRY plus impresses with their size - making it easy to integrate in your process. The low weight of less than 30 kg makes the new ECODRY plus a flexible and mobile vacuum pump for many working environments.



**FAST**

With high speed from high pressure down to ultimate vacuum your vacuum system pump-down times are significantly shortened. With the low ultimate pressure of just 0.01 mbar the new ECODRY plus is a perfect backing pump for UHV systems.



**SMART**

The new ECODRY plus with the integrated control dashboard allows intuitive operation. Connect vacuum gauges and valves directly to the pump to enable easy pressure and valve control for improved energy efficiency and process safety.



**GREEN**

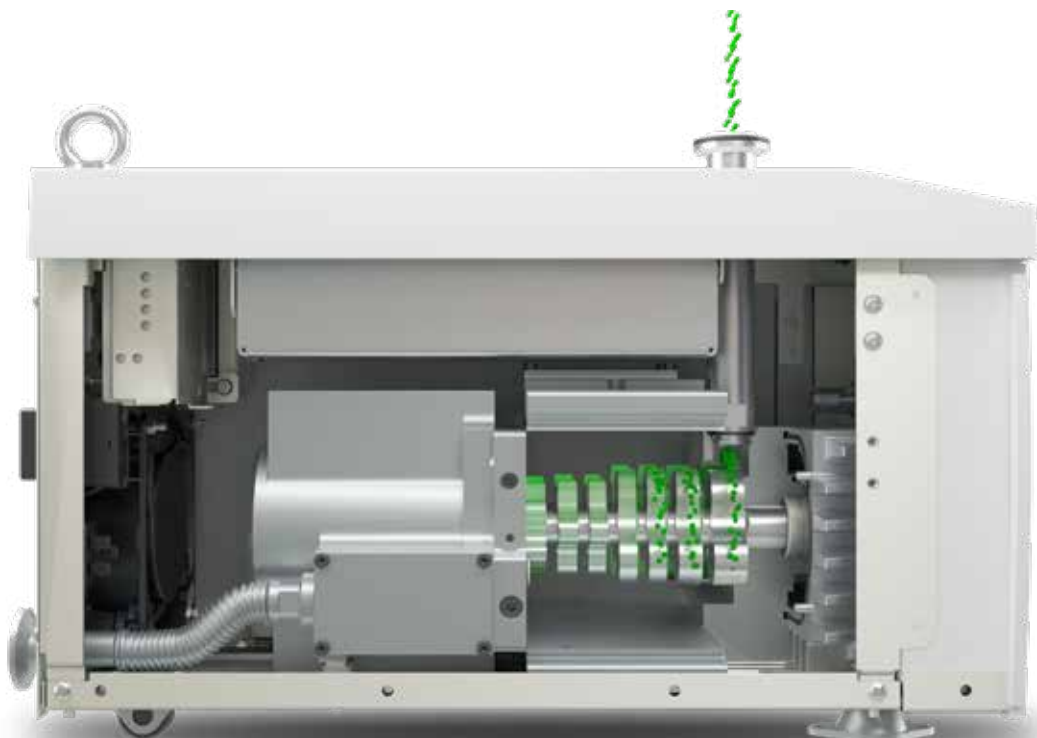
With low noise of less than 52 dB(A), a clean oil-free pumping mechanism and low power consumption, the new ECODRY plus creates a pleasant working environment and a small carbon footprint.

Particle Accelerator  
Electron Microscopy  
**Sterilization**  
Surface Science  
Mass Spectrometry  
**Glove Box**  
Space Simulation  
Vacuum Drying  
UHV Systems  
Turbo Pump Backing  
Helium Cryostates  
Leak Detection

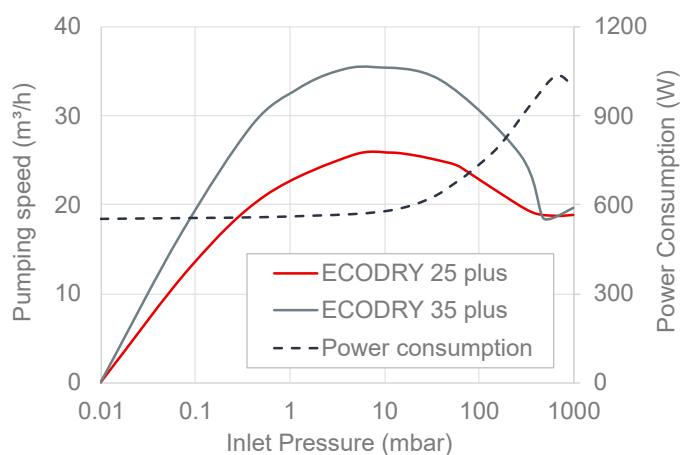
# The new **ECODRY plus** Edge of Technology

The **intelligent pump controller unit** enables **easy** operation. With a wide voltage range the pumps are suited for **consistent operation** in all parts of the **world**.

**ECODRY plus** is operated using the oil-free **multi-stage roots technology**. As the pumping chamber is **oil-free**, the pumps are maintenance-free for five years. The pump rotors are turning with high speeds **contact-free** - this enables consistent and smooth operation with low noise and vibration.



## Technical Data



		ECODRY 25 plus	ECODRY 35 plus
Part number		162 025 V001	162 035 V001
Peak pumping speed	m <sup>3</sup> /h	25	35
Ultimate pressure	mbar / Torr	0.01 / 0.0075	
Noise level	dB (A)	< 52	
Weight	kg	28	
Mains voltage	V	100-127 V, 200-240 V (+/- 10%), switchable	

Mains Cables	
EU - CEE 7/7 (Schuko) - IEC-60320 C19, 2 m	161 810 EU
UK - BS 1363 - IEC-60320 C19, 2 m	161 810 UK
USA (115 V) - NEMA 5-15P - IEC-60320 C19, 2 m	141 103 US
USA (230 V) - NEMA 6-15P - IEC-60320 C19, 2.5 m	161 810 US
China/Australia - AS 3112 - IEC-60320 C19, 2 m	161 810 CN

More information on [www.ecodry-plus.com](http://www.ecodry-plus.com)



**Pioneering products. Passionately applied.**

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Subject to change without notice or obligation. Read all safety instructions in the manual before usage.