

NEW

NeoDry **G** SERIES

PREMIUM VERSION OF NeoDry

All the advantages of the NeoDry series
but even quieter, more user-friendly,
and suitable for a variety of uses



**Neo
Dry**

DRY VACUUM PUMP
air cooled multi-stage roots

NeoDry G series = Premium version of the NeoDry

All the best of Kashiwama engineering brought together in one product with advanced features and market-proven reliability

Extremely low noise!
45dB(A) for 7G/15G/30G
51dB(A) for 36G standard model

Isolation valve power source

Special seal material
 for solvent/condensable gas

Compliant with
EU harmonic emission requirement



Gas ballast valve (air/N₂)
 flow control version as a standard option

LED indicator on the top
 of the front face
 indicates the pump operation status

Remote control interface
 - I/O input
 - Serial communication port (RS485)

Wide voltage range
 1 Ph 100-240V (auto-switching)

Sleek design

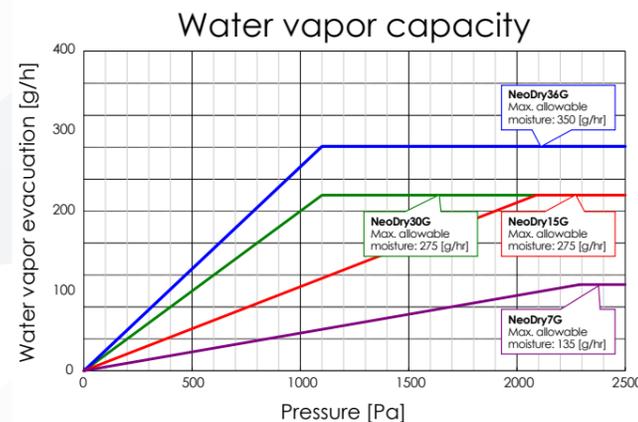
comes with LED indicator!

+10% water vapor tolerance

(vs NeoDry7E/15E/30E)



- Control panel and cable connections are all on the front face for easy operation
- Pump operating condition is indicated by an LED display



Comes with all the benefits of the conventional NeoDry E-series:

Clean multi-stage roots pump

No oil vapor, no particle generation, no tip-seal dust

An average of 6 years maintenance-free operation

for clean/dry gas usage based on our records

High vacuum performance at all pressure ranges

Continuous operation for atmospheric pressure

Optimal backing pump for UHV applications

Low base pressure, high compression for light gases

Standard models

Spec. / Products		NeoDry7G	NeoDry15G	NeoDry30G	NeoDry36G
Max. pumping speed	m ³ /h (L/min)	7 (110)	15 (250)	30 (500)	36 (600)
Ultimate pressure (without gas ballast)	mbar (Pa)	0.05 (5.0)	0.01 (1.0)	0.01 (1.0)	0.007 (0.7)
Supply voltage (50/60Hz)	Single phase, AC100-240V, auto-switching				
Gas ballast mechanism	Standard accessory				
Max. allowable moisture	g/h	135	275	275	350
Typical noise value*	dB(A)	45	45	45	51
Vibration	μm p-p	≤8	≤8	≤8	≤8
Approx. weight	kg	19	22	24	51
Inlet size		NW25	NW25	NW40	NW40
Outlet size		NW25	NW25	NW25	NW25
Power consumption at ultimate pressure	kW	0.28	0.34	0.34	0.55
Dimensions (LxWxH)	mm	360x196x196	385x210x219	410x210x219	475x298x260
Safety standard	NRTL(UL61010-, CAN/CSA C22.2 No. 61010-1), CE Marking, UKCA, KC				

*Reference value with inlet and gas ballast fully closed. Uncertainty, 3.0dB(A)

Application examples

Science

- Accelerators
- Beam lines
- Glove boxes
- Microbiology
- Space applications
- TMP backing pumps
etc.

Analytical Instruments

- Leak detection
- Low-temperature analysis
- Mass spectrometry
- Residual gas analyzer
- Scanning electron microscopes
- Transmission electron microscopes
etc.

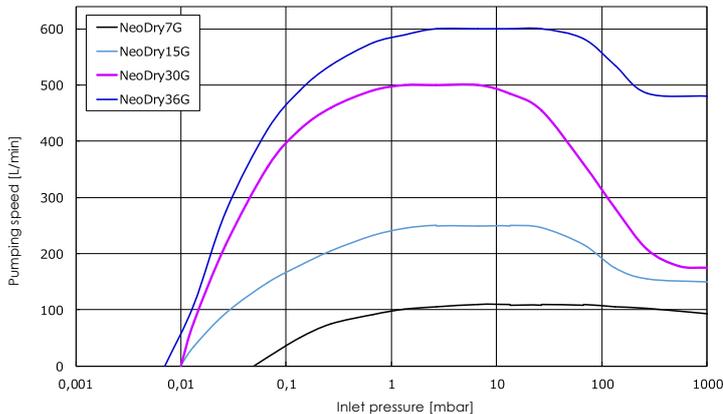
Coating Technology

- Chemical vapor deposition
- Optical coating
- Physical vapor deposition
- Plasma cleaning
- Sputter deposition
- Thermal processes
etc.

General Industry

- Air conditioning evacuation
- Battery electrode drying
- Freeze dryers
- Solvent pumping
- Vacuum laminators
- Vapor pumping
etc.

S-P curves



Accessories

Item	Applicable for	Part number
In-line pipe type silencer SR-60 (horizontal)	All	27910-22850
In-line pipe type silencer SR-28-2 (vertical)	All	27910-22101
Filter type silencer EFS-11	7G and 15G	27102-10390
Filter type silencer EFS0001002	30G	27102-10410

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