



# NeoDry Series

Compact & Air Cooled Dry Pump

## Features

- FEATURE 01 CLEAN MULTI-STAGE ROOTS PUMP**  
no oil vapor, no particle generation, no PTFE tip seal dust
- FEATURE 02 UNMATCHED HIGH-VACUUM PERFORMANCE AT ALL PRESSURE RANGES**  
continuous operation at atmospheric pressure
- FEATURE 03 EASY TO INSTALL AND USER-FRIENDLY DESIGN**  
small footprint, and consistently low noise and low vibration
- FEATURE 04 AN AVERAGE OF 6 YEARS MAINTENANCE-FREE OPERATION FOR CLEAN GAS USAGE**  
performance of our pump over 10 years on the market based on a review of our records
- FEATURE 05 OPTIMAL BACKING PUMP FOR UHV APPLICATIONS**  
low base pressure, high compression for light gases
- FEATURE 06 HIGH WATER VAPOR CAPACITY OF UP TO 600g/h**  
and optional special coated version for chemical resistance
- FEATURE 07 VARIOUS CHOICES WITH MARKET-PROVEN RELIABILITY**  
7 models from 7 to 300 m<sup>3</sup>/h with high reliability for a variety of systems

**Neo  
Dry**

**TECHNICAL ADVANTAGES**  
THAT BENEFIT CUSTOMERS

# Standard models

Spec. / Products	NeoDry7E	NeoDry15E	NeoDry30E	NeoDry36E	NeoDry60E	NeoDry100E	NeoDry300E
<b>Max. pumping speed</b>	7m <sup>3</sup> /h (110L/min)	15m <sup>3</sup> /h (250L/min)	30m <sup>3</sup> /h (500L/min)	36m <sup>3</sup> /h (600L/min)	60m <sup>3</sup> /h (1,000L/min)	100m <sup>3</sup> /h (1,670L/min)	300m <sup>3</sup> /h (5,000L/min)
<b>Ultimate pressure (Without gas ballast)</b>	0.05mbar (5.0Pa)			0.01mbar (1.0Pa)		0.02mbar (2.0Pa)	0.003mbar (0.3Pa)
<b>Supply voltage (50/60Hz) *1</b>	Single Phase, AC200 ~ 240V						
<b>Gas ballast mechanism</b>	Standard accessory						
<b>Power Connector *2</b>	IEC 60320-C14			IEC-60320-C20		Contact us	
<b>Max allowable moisture [g/h] (With gas ballast)</b>	120		250	350		600	
<b>Noise [dB(A)] (Inlet closed) *3</b>		≤56		≤58	≤60	≤55	≤72
<b>Vibration [μmp-p] (Inlet closed)</b>				≤8			≤15
<b>Weight [kg]</b>	19	23	25	54	56	90	125
<b>Inlet size</b>	NW25		NW40			NW50	
<b>Outlet size</b>	NW25						
<b>Dimensions [mm] W×H×L *4</b>	196×219×360	210×250×385	210×250×410	298×275×475	315×275×530	320×365×576	304×575×574
<b>Safety standard</b>	CE Marking, NRTL(UL 61010-1, CAN/CSA C22.2 No.61010-1)						

\*1) Please contact us for other voltage options. \*2) Please contact us for other connectors.  
 \*3) This is based on JIS standard, please contact us about some date based on ISO. \*4) Net size.  
 \* Spec. & name of products are subject to change without prior notice.

**⚠ Please contact us if you have any questions about different versions.**

## Application Examples



Pumps for solvent/H<sub>2</sub> evacuation also lined-up.  
 Contact us about combination with Turbo or Mechanical booster.

### Science

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

### Analytics Instruments

- ▶ Leak detection
- ▶ Low temperature analysis
- ▶ Mass spectrographs
- ▶ RGAs
- ▶ Scanning electron microscopes
- ▶ Transmission electron microscopes etc.

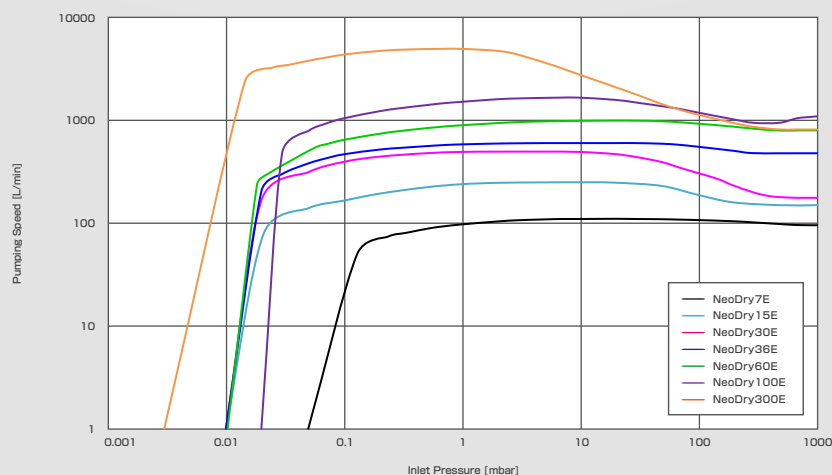
### Coating Technology

- ▶ 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



## Contact Us

**Germany** Kashiyama Europe GmbH

Leopoldstrasse 244 80807 Munich, Germany

**URL** <https://de.kashiyama.com/>

**E-mail** [eu-sales@kashiyama.com](mailto:eu-sales@kashiyama.com)

## Our Official Partner