



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 m³/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
Max. pumping speed	7m³/h (110L/min)	15m³/h (250L/min)	30m³/h (500L/min)	36m³/h (600L/min)	60m³/h (1,000L/min)	100m³/h (1,670L/min)	300m³/h (5,000L/min)
Ultimate pressure (Without gas ballast)	0.05mbar (5.0Pa)	0.01mbar (1.0Pa)				0.02mbar (2.0Pa)	0.003mbar (0.3Pa)
Supply voltage (50/60Hz) *1	Single Phase, AC200 ~ 240V						
Gas ballast mechanism	Standard accessory						
Power Connector *2	IEC 60320-C14				IEC-60320-C20		Contact us
Max allowable moisture [g/h] (With gas ballast)	120	250		350	600		
Noise [dB(A)] (Inlet closed) *3	≤56			≤58	≤60	≤55	≤72
Vibration [μmp-p] (Inlet closed)	≤8						≤15
Weight [kg]	19	23	25	54	56	90	125
Inlet size	NW25		NW40				NW50
Outlet size	NW25						
Dimensions [mm] W×H×L *4	196×219×360	210×250×385	210×250×410	298×275×475	315×275×530	320×365×576	304×575×574
Safety standard	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/H2 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.

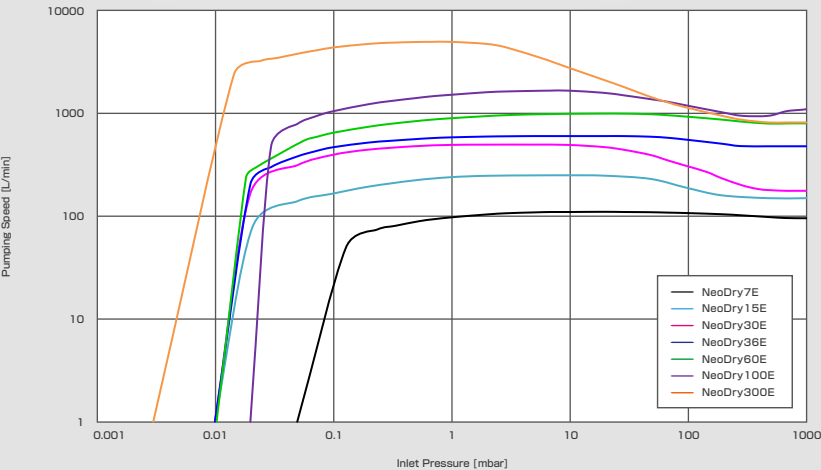
Coating Technology

- ▶ 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
Münchner Str. 24, 85774 Unterföhring, Germany
URL <https://de.kashiyama.com/>
E-mail eu-sales@kashiyama.com

Our Official Partner