

NEW MODEL NEODRY100E IS NOW FOR SALE!

With the new NeoDry100E Kashiyama completes the successful and market proven oil-free NeoDry Series. A pumping speed of 100m³/h fills the gap between the 60E and 300E.

CONTAMINATION-FREE MARKET-PROVEN MULTI-STAGE ROOTS PUMP

No oil vapor, no particle generation, no PTFE tip seal dust and high reliability of the NeoDry Series proven over 10 years on the market.



QUIET OPERATION

A newly developed silencer allows for a considerable reduction in noise levels compared to conventional pumps.



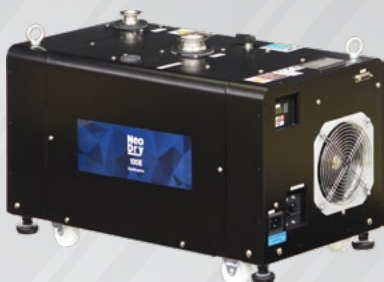
HIGH THROUGHPUT FROM ATMOSPHERE

Continuous operation guarantees high gas loads.



ALONG WITH ALL THE ADVANTAGES OF THE CONVENTIONAL NEODRY SERIES!

An average of 6 years maintenance-free for clean gas usage* and high water-vapor capacity of up to 600g/h. Lightweight and compact design, capable of exhausting condensable gases such as water vapor and solvents.



**Neo
Dry**

**TECHNICAL ADVANTAGES
THAT BENEFIT CUSTOMERS**

*according to our record survey

Specification and performance

Model	NeoDry100E
Max. pumping speed	100m ³ /h (1,670L/min)
Ultimate pressure (Without gas ballast)	0.02mbar (2.0 Pa)
Supply voltage (50/60Hz) *1	Single Phase. AC200-240V
Gas ballast mechanism	Built-in
Power Connector *2	IEC 60320-C20
Max allowable moisture [g/h] (With gas ballast)	600g/h
Noise [dB(A)] (Inlet closed) *3	≦ 55
Vibration [μmp-p] (Inlet closed)	≦ 8
Weight [kg]	90.0 kg
Inlet size/ Outlet size	NW40 / NW25
Dimensions [mm] W×H×L *4	320×365×576
Safety standard	CE Marking, NRTL (UL 61010-1, CAN/CSA C22.2 No. 61010-1-12) SEMI S2

*1), *2) Other options available.

*3) Noise level value based on JIS standard. *4) Net size.

* Spec. & name of products are subject to change without prior notice.

⚠ For more details and information, please contact us.

Application Examples Special coated version for solvent applications optional.

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.

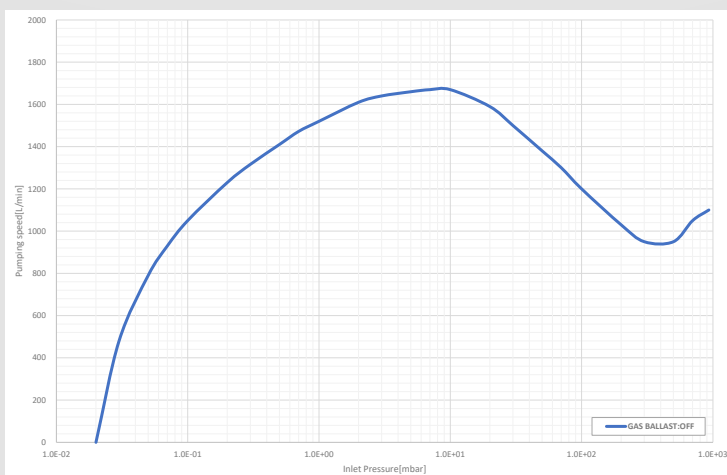
Coating Technology

- ▶ 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



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