

NeoDry Series

Compact & Air Cooled Dry Pump



Feature

01

FEATURE

HIGH DURABILITY OF MULTI-STAGE ROOTS PUMP

OWING TO "NO MECHANICAL CONTACT" INSIDE

02

FEATURE

LESS MAINTENANCE

NO "OIL CHANGE", NO "TIP-SEAL CHANGE", "NO PARTICLE" ANY MORE

03

FEATURE

MARKET PROVEN EXPERIENCE AS "RELIABLE PUMP" IN 9 YEARS

OVER 20,000PCS OF PUMP HAVE BEEN SHIPPED OUT

04

FEATURE

LOW NOISE, LOW VIBRATION AND LIGHT WEIGHT

FOR BETTER USABILITY AT CUSTOMER APPLICATION

05

FEATURE

HANDLE WITH WATER VAPOR,

SOLVENT AND VARIOUS APPLICATION

Major Products

Spec. / Products	NeoDry7E	NeoDry15E	NeoDry30E	NeoDry36E	NeoDry60E	NeoDry300E
Max. pumping speed	7m ³ /h (110L/min)	15m ³ /h (250L/min)	30m ³ /h (500L/min)	36m ³ /h (600L/min)	60m ³ /h (1,000L/min)	300m ³ /h (5,000L/min)
Ultimate pressure (Without gas ballast)	0.05mbar (5.0Pa)			0.01mbar (1.0Pa)		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	≤72
Vibration [μmp-p] (Inlet closed)	≤8					
Weight [kg]	19	23	25	54	56	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	304×575×574
Safety standard	CE Marking, NRTL(UL 61010-1, CAN/CSA C22.2 No.61010-1)					

*1) 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 data based on ISO. *4) Net size.

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

⚠ Please contact us for more information about specifications except standard models listed on this catalog.

Application Examples



**Pumps for solvent/H₂ evacuation also lined-up.
Contact us about combination with Turbo or Mechanical booster.**

Science

- ▶ Accelerator
- ▶ Beam Line
- ▶ Glove Boxes
- ▶ Microbiology
- ▶ Space Application
- ▶ TMP Forepump
- etc

Analytics Instruments

- ▶ Leak Detection
- ▶ Low Temperature Analysis
- ▶ Mass Spectrograph
- ▶ RGA
- ▶ Scanning Electron Microscope
- ▶ Transmission Electron Microscope
- etc

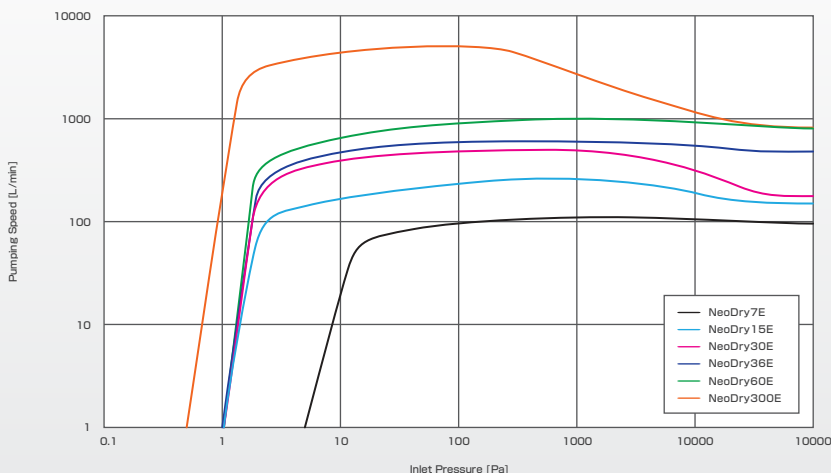
Coating Technology

- ▶ Chemical Vapour Deposition
- ▶ Optical Coating
- ▶ Physical Vapour Deposition
- ▶ Plasma Cleaning
- ▶ Sputter deposition
- ▶ Thermal Process
- etc

General Industry

- ▶ Air Conditioning Evacuation
- ▶ Battery Electrode Drying
- ▶ Freeze Dryer
- ▶ Solvent Pumping
- ▶ Vacuum Pumping
- ▶ Vapor Pumping
- etc

S-P Curve



Contact us

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