

HISCROLL INTRODUCTORY SPECIALS

NEW HiScroll® 46



Dry scroll vacuum pump with powerful pumping speed - independent of gas type



Ultra-quiet & low vibration

Perfect for labs and noise-sensitive areas



Seamless integration

Compact, easy to install, and flexible



Maximum efficiency

Fastest pump-down time with lowest energy consumption

For maximum control and smart integration

Single-Phase - Intelligent & Adaptive

- ✓ Smart control via EtherCAT & ProfiNet
- ✓ Seamless accessory integration
- ✓ Patent-pending vapor management for superior water vapor capacity

For industrial environment and easy replacement

Three-Phase - Robust & Save

- ✓ Plug & Play with simple start/stop function
- ✓ IP44 protection for industrial environments
- ✓ Ideal for system retrofits where three-phase power is available

Single Phase Specifications

- ⇒ Pumping Speed = 43 m³ / hr
- ⇒ Ultimate Pressure = 7 x 10⁻³ hPa
- ⇒ Rotation Speed = 1,800rpm
- ⇒ Emission Sound Level = ≤47 dB(A)
- ⇒ Dimensions = 463 x 299 x 334 mm
- ⇒ Weight = 32 kg | 70.55 lb

FREE Silencer
VALUED AT \$575



Three Phase Specifications

- ⇒ Pumping Speed = 35 m³ / hr
- ⇒ Ultimate Pressure = 2 x 10⁻² hPa
- ⇒ Rotation Speed = 1,460rpm
- ⇒ Emission Sound Level = ≤55 dB(A)
- ⇒ Dimensions = 463 x 299 x 334 mm
- ⇒ Weight = 34 kg | 74.96 lb

FREE Silencer
VALUED AT \$575



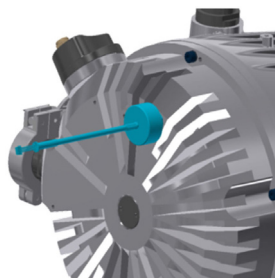
**More Safety?
Automatic isolation valve**

- Opens & closes automatically
- Connected via accessory port



**More control?
Fieldbus communication**

- Profinet converter
- EtherCat converter



**More intelligence?
Integrated pressure measurement**

- Enabling of boost mode
- Automatic pressure regulation



**More condensate?
Automatic gas ballast**

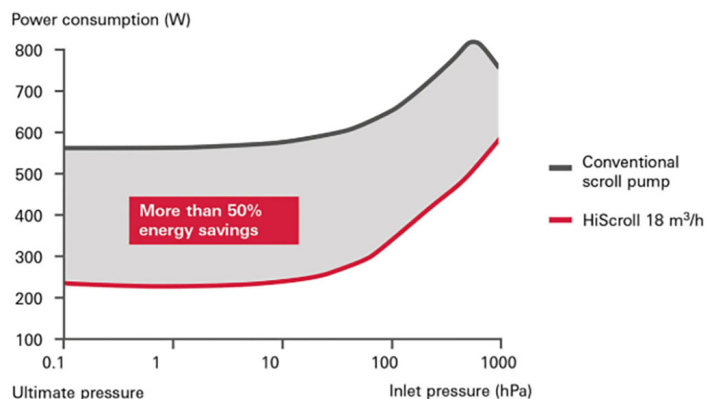
- Opens & closes automatically
- Connected via accessory port
- Full automatic control via customer PLC

HISCROLL INTRODUCTORY SPECIALS

HiScroll® The Extremely Quiet, Compact And Oil-Free Pumps

PFEIFFER
 VACUUM+FAB SOLUTIONS

Best energy efficiency



Efficient and low-maintenance: Our HiScroll series

HiScroll pumps are powerful, oil-free and safe vacuum pumps. They require less energy and are low in vibration. Discover the advantages of this quiet alternative for your vacuum applications in industry, research or laboratory.

The HiScroll series offers four sizes of dry scroll pumps with a nominal pumping speed of 6 – 43 m³/h. The pumps are characterised by their high performance when evacuating against atmosphere. Achieve up to 15 % higher efficiency compared to conventional drives. This enables highest performance at low operating temperature and helps to save electricity costs.



HiScroll® Dry Scroll Pump

(ATEX Certification as standard) with 2-stage manual gas ballast.

Safe operation due to the installed non-return valve and hermetically sealed pumping system.

Low operating costs thanks to the highest quality, short maintenance times and long maintenance intervals.

Specifications

- ⇒ Pumping Speed = 6 m³ / hr
- ⇒ Final Pressure = 1.5×10^{-2} hPa
PD S10 000 B
- ⇒ Pumping Speed = 12.1 m³ / hr
- ⇒ Final Pressure = 6×10^{-3} hPa
PD S20 000 B
- ⇒ Pumping Speed = 18.1 m³ / hr
- ⇒ Final Pressure = 6×10^{-3} hPa
PD S30 000 B



HiScroll® Advanced Package

This pump package features the Omnicontrol control unit and an integrated pressure sensor that can manage different modes of operation. User defined speed control, pressure control and automatic stand-by modes of operation are now possible. Overall energy consumption is reduced and maintenance cycles can be greatly extended.

Specifications

- ⇒ Pumping Speed = 6 m³ / hr
- ⇒ Final Pressure = 1.5×10^{-2} hPa
PD100183-T
- ⇒ Pumping Speed = 12.1 m³ / hr
- ⇒ Final Pressure = 6×10^{-3} hPa
PD100184-T
- ⇒ Pumping Speed = 18.1 m³ / hr
- ⇒ Final Pressure = 6×10^{-3} hPa
PD100185-T