

LABORHITS

Screw Pumps VACUU-PURE® 10/10C

10⁻³ mbar Vacuum Range

100 % Oil-Free

No Wear Parts

NEW

Features

- For ultra-clean processes and pure products
- 100 % oil-free due to cantilevered spindles
- Abrasion-free due to contact-free operating principle
- Quick drying after high condensate load
- Suitable for continuous operation
- With air cooling
- Rotatable inlet
- With Modbus RTU interface

Powerful vacuum pumps for dry and hydrocarbon-free operation. Due to their unique operating principle, they generate ultra-pure vacuum as well as contamination-free exhaust air and work abrasion-free. They have been specially developed for processes down to the 10⁻³ mbar range, but can also be used without any problems at working pressures above 1 mbar.

The chemical-resistant version VACUU-PURE® 10C is protected against corrosion due to chemically resistant polymers on all wetted parts. A thick-walled PEEK encapsulation protects the spindles and stator inside the pumping chamber, providing high chemical resistance. An integrated sealing gas supply prevents the bearings from chemical attack. Due to the design-related high condensate compatibility, no gas ballast is required, even with high vapor loads.



Specifications

Final pressure: 5 x 10⁻³ mbar
Max. overpressure: 15 mbar
Permissible ambient temperature: 10 ... 40 °C
Suction/pressure connection: KF DN 25
Noise emission: 55 dBA
Motor power: 700 W
Dimensions (W x D x H): 269 x 507 x 413 mm
Weight: 21.1 kg
Power supply: 230 V, 50/60 Hz
IP code: IP 20

Type	Flow rate L / min.	Plug type	PK	Cat. No.
VACUU-PURE® 10	167	EU	1	4.679 577
VACUU-PURE® 10	167	CH	1	4.679 578
VACUU-PURE® 10	167	UK	1	4.679 579
VACUU-PURE® 10C	150	EU	1	4.679 583
VACUU-PURE® 10C	150	CH	1	4.679 584
VACUU-PURE® 10C	150	UK	1	4.679 585