

PRODUCT TECHNICAL BRIEF

2L-50 Sputter-Ion Pump, 65 L/s

2L-50 Sputter-Ion Pump, 65 L/s - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Nitrogen pumping speed	65 L/s
Argon pumping speed	Approximately 0.6 L/s
Ultimate pressure	$\leq 7 \times 10^{-8}$ Pa
Maximum start pressure	$\leq 5 \times 10^{-4}$ Pa
Inlet flange	CF100
Maximum bakeout temperature	<200 °C with magnets / <300 °C without magnets
Bakeout jacket	Not included in the stated configuration
High-voltage power supply	Included in the source configuration
Indicative dimensions	Approximately 290 × 120 × 299 mm
Indicative weight	Approximately 22 kg

Technical and Project Information

Compact oil-free 2L-50 diode sputter-ion pump with a nitrogen pumping speed of 65 L/s and stated ultimate pressure of $\leq 7 \times 10^{-8}$ Pa. Intended for small high-vacuum chambers and local vacuum modules. Confirm the complete configuration before ordering.

2L-50 Diode Sputter-Ion Pump

The 2L-50 is a small oil-free ion pump for compact chambers and local high-vacuum modules. With no rotating parts, it produces no mechanical pump vibration and avoids hydrocarbon backstreaming from an oil-based pumping mechanism.

Use an appropriate preliminary vacuum stage and clean, short CF connections. Final pressure depends on system gas load, conductance, bakeout and measurement method.

Confirm the current datasheet, high-voltage polarity, controller, cable, magnets, flange and scope of supply before ordering. LeakLab commissioning and leak-testing support are available subject to an agreed scope.

- Vacuum Pumps Atmosphere-to-High-Vacuum Dry Pumps High-Vacuum Pumping Stations Ion Pumps Diode Ion Pumps for Heavy Gases Triode Ion Pumps for Noble Gases KYKY RV Rotary-Vane Pumps Roots Booster Pumps Screw Vacuum Pumps Tank Evacuation Systems Turbomolecular Pumps
- Atmosphere-to-High-Vacuum Dry Pumps
- High-Vacuum Pumping Stations
- Ion Pumps Diode Ion Pumps for Heavy Gases Triode Ion Pumps for Noble Gases
- Diode Ion Pumps for Heavy Gases
- Triode Ion Pumps for Noble Gases
- KYKY RV Rotary-Vane Pumps
- Roots Booster Pumps
- Screw Vacuum Pumps
- Tank Evacuation Systems
- Turbomolecular Pumps
- Helium Reference Leaks
- Scanning Electron Microscopes
- Leak-Detector Accessories

WORLDWIDE PROJECT CONTACT

Send the test object or system, operating conditions, target sensitivity or pressure range, applicable standard, destination country, quantity and schedule. LeakLab will review the project scope.

mail@leaklab.org

Regarding: 2L-50 Sputter-Ion Pump, 65 L/s

Specifications, standards, verification scope, availability and commercial terms must be confirmed for the exact configuration and destination jurisdiction before order or project acceptance.