

PRODUCT TECHNICAL BRIEF

2L-100 Sputter-Ion Pump, 120 L/s

2L-100 Sputter-Ion Pump, 120 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	120 L/s
Argon pumping speed	Approximately 1.2 L/s
Ultimate pressure	$\leq 7 \times 10^{-8}$ Pa
Maximum start pressure	$\leq 5 \times 10^{-4}$ Pa
Inlet flange	CF150
Maximum bakeout temperature	<200 °C with magnets / <300 °C without magnets
Bakeout jacket	Optional
High-voltage power supply	Included in the source configuration
Indicative dimensions	Approximately 350 × 250 × 307 mm
Indicative weight	Approximately 38 kg

Technical and Project Information

Compact 2L-100 diode sputter-ion pump for oil-free ultra-high vacuum systems. Nitrogen pumping speed: 120 L/s; stated ultimate pressure: $\leq 7 \times 10^{-8}$ Pa. Confirm the high-voltage supply, optional bakeout jacket and complete configuration before ordering.

2L-100 Diode Sputter-Ion Pump

The 2L-100 is a compact oil-free ion pump for laboratory and pilot vacuum systems, mass spectrometry and electron-optical equipment. It has no rotating parts and can be used as the holding pump after preliminary pump-down with a suitable high-vacuum system.

System performance depends on conductance, cleanliness, bakeout and gas composition. Confirm the current datasheet, voltage and polarity, controller, cable, magnets, optional bakeout jacket and flange before ordering.

LeakLab can provide incoming inspection, vacuum integration, leak testing, high-voltage setup and operator guidance 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
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- 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-100 Sputter-Ion Pump, 120 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.