

HELIUM LEAK DETECTOR WITH VERY HIGH PUMPING CAPACITY

Description:

For leak-searching an object:

- Connect the unit with a vacuum hose to the test object.
- Start pumps by turning switches.
- Open pumping valves by turning switches.
- When the right vacuum level is reached, turn switch to open the valve to the helium leak detector.
- The background helium level can be read on the helium leak detector.
- When the background level is acceptable spray helium on the test object.



Technical data:

- Width (mm): 1450
- Depth (mm): 910
- Height (mm): 1350
- Weight (kg): ca 460
- Final vacuum (mbar): $< 1 \times 10^{-3}$
- Pumping time for 500 liter dry vessel from atmosphere to 0.01 mbar: ca 105 s
- Short response time thanks to high pumping capacity
- Vacuum measurement: Pirani
- Minimum detectable leak (mbarl/s): 1×10^{-11}

We build many kinds of helium leak detection machines.



Tel +46 (0)8 505 98 000
Tel +46 (0)31 776 06 05

www.lowener.se

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