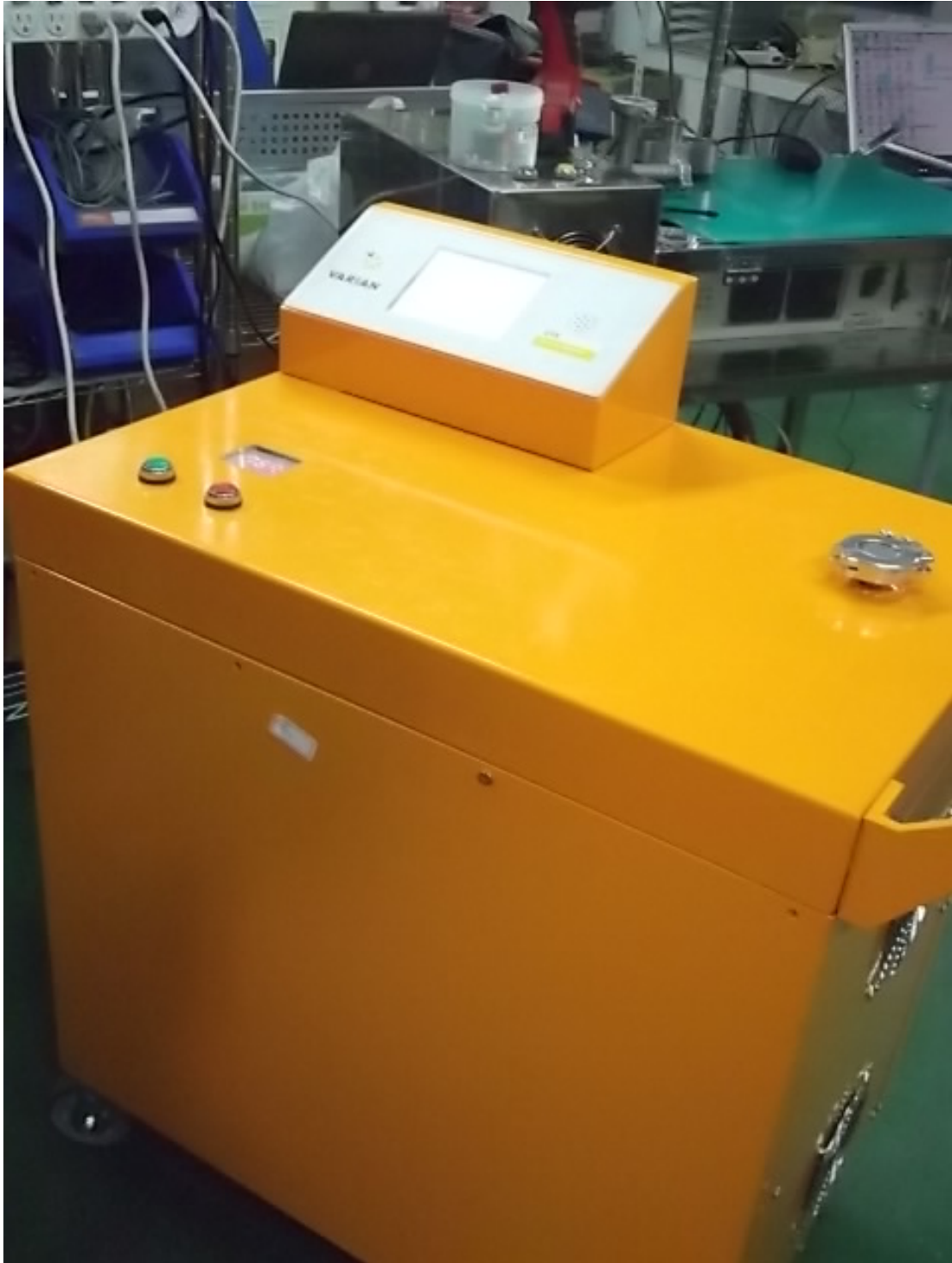


HiVac Helium Leak Detector
within Agilent Spectrometer

Appearance A: High weight capacity, rigidity and durability. Customized Type



Advanced HiVac Application Co., LTD
Products Catalog P130402001



Customized Made, Two Turbo, Two Roughing Pump, Gate Valve

Appearance B-1: Suitable for short distance movement, but not for heavy loading on the Cart. **You can use apple iPad or Android Cell Phone to operate the detector.(Option Function)**



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1. Total of 2 high vacuum turbo molecular pumps, one for mass spectrometer vacuum used only, the other one only responsible for test object. Only one Turbomolecular pump for sniffer Leak Detector Version.

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2. Optional roughing pumps: Dry Pump ,IDP3+,SH110+, IDP-15 or TS600 , ds202, DS302 ,DS402,DS602 For Oil Rotary Vane Pump
 3. vacuum gauge (Granville Phillips 275 Module, the most reliable low vacuum gauge in the world, measure range from 760 to 10^{-4} Torr. 356 or 390 Full Range Gauge for optional, measure range from 760 to 2×10^{-9} Torr)
 4. PLC controller . HMI Interface for display function only.
 5. Agilent Spectrometer & Turbomolecular pump V-81M inside, Agilent VS C15 Components leak detector.
Sensitivity $<5.0E(-11)$ atm cc/sec for Two Turbo Pump Leak Detector, $2.0E(-10)$ atm cc/sec for one Turbo Leak Dwetector.
The maximum test port pressure:5 Torr(Optional 100 Torr)
The best base pressure: $5E(-6)$ Torr
 6. Test Port Flange: KF-50 For Two turbo & Gate Valve version, KF-40 or KF-25 for another version. KF-25 for sniffer version.
 7. HiVac developed software which can record leak rate, test time, testers, series number. Provide to track the testing process .
 8. Industrial microprocessor with built-in Labview which can display a variety of graphics. And language display simplified, traditional Chinese and English.
- Product advantages

- 1 Simple vacuum system structure and the best of vacuum gauges and valves contribute to high availability. Easy and cheap to maintenance.
- 2 Popular Vacuum Components, longer life time, cheaper cost ownership., Such as Granville Phillips 275 vacuum gauge, Standard Agilent V-81M Turbo Pump, standard VAT Gate Valve, We use standard Vacuum Component to make it easy maintain & lower cost.
- 3 HiVac has developed a number of peripheral products and software, which are easy to operate for users.
- 4 HiVac has developed the interface displays 3 languages including simplified, traditional chinese and English & Korea Language. (Other languages are optional),
- 5 Special designed machine for the use of corrosion-resistant in LED industry.
- 6 Turbo Pumping Function(c15 is shut down)
- 7 Leak detect unit: Torr liter/sec, mbar liter/sec, atm cc/sec, Pa M3/hour, PPM

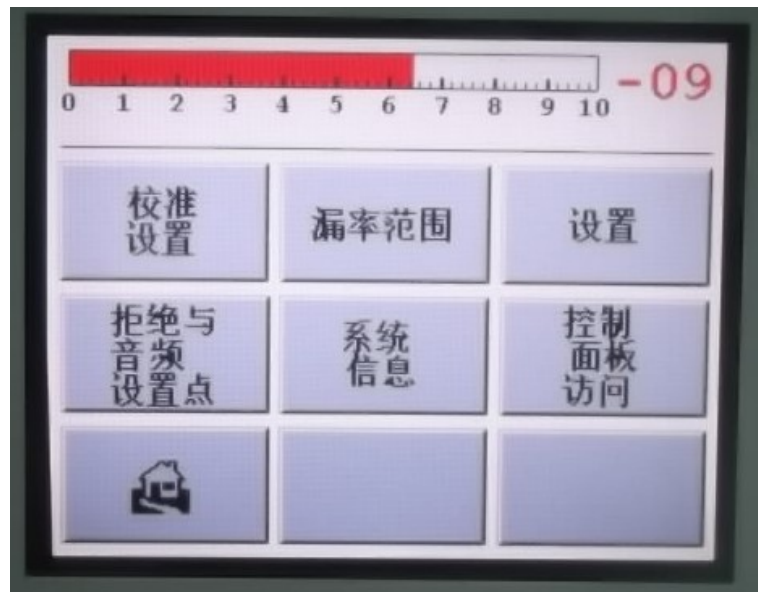
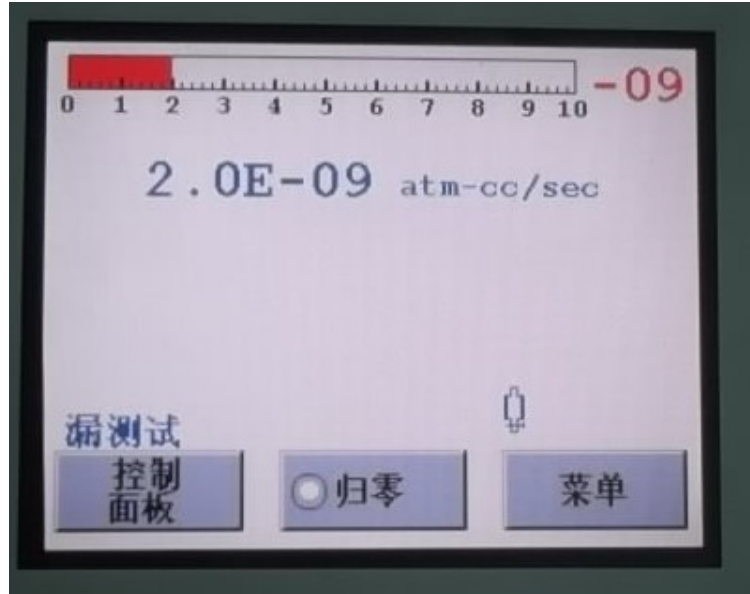
- Product specification:

Voltage: DC 110/220 VAC

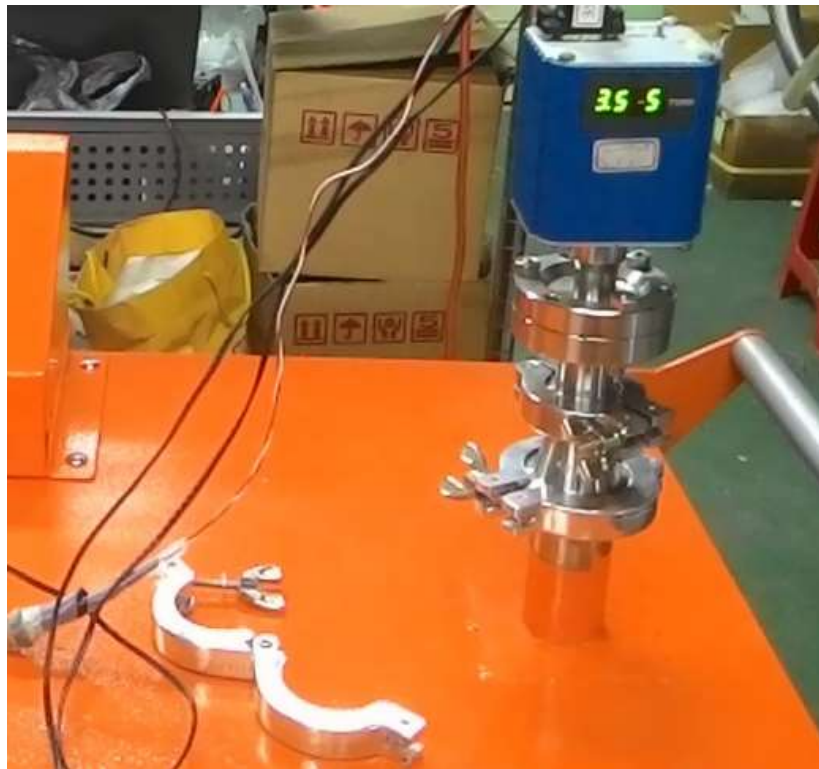
Length × Width × Height (cm): 82 × 55 × 82

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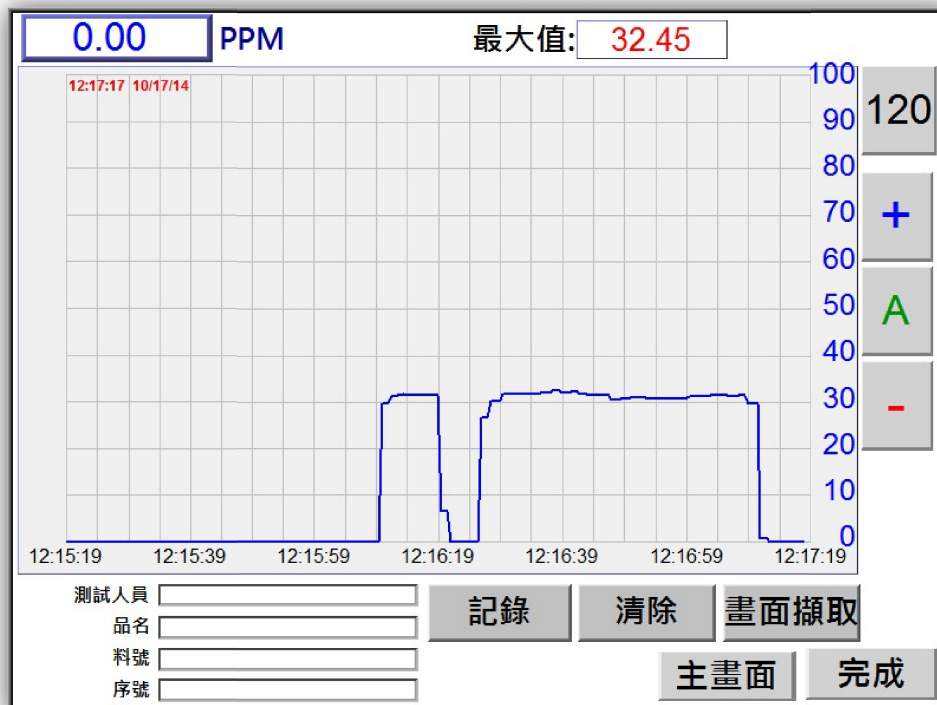
- Touchscreens:



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- Low test port pressure for two turbo pump version



- Selectable leak detection range and RECORD WHO test the object , WHEN it tested, Record the test object p/n & s/n.

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- Built-in leak detection bar: Built-in leak detection bar for machine calibration.

Advanced Hivac Application Co., LTD

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