

TEST REPORT

1. Applicant

Name : WISE CONTROL Inc.
Address : 199, Sanggal-dong, Giheung-gu, Yongin-si,
Gyeonggi-do, Korea

2. Products

Name : Gas Density Monitor
Model/Type : P590
Manufacturer : WISE CONTROL Inc.
Remark : -

3. Test Standard/Method : IEC 60529:2001, KS C IEC 60529:2002

4. Test Results : IP67 (Refer to document)

5. Use of Report : For Quality Control.

6. Date of Application : 2009. 12. 04

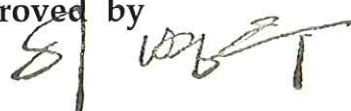
7. Date of Issue : 2009. 12. 11

Tested by



Machinery Components Center
Chang-ho Kim

Approved by



Machinery Components Center
Leader Byung-woo Lee

The above test report is the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.

Korea Testing Laboratory

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TEST RESULTS

for Degree of protection provided by enclosures(IP Code)

1. Test Results

Code letters	IP	Test method and Record	Results
1st Characteristic numerals Against ingress of solid foreign objects	6	1. CONDITIONS 1.1 Talcum powder(mesh) : Wire diameter=50 μm , width between wires=75 μm 1.2 Amount of talcum powder of the test chamber : 2kg/m ³ 2. TEST 2.1 Volume of the enclosures : about 460 cm ³ 2.2 Reduction air pressure : -2.0 kPa (-200 mmH ₂ O) 2.3 Flow rate : 0.0 LPM 2.4 Extraction rate per hour : 0 volumes/h 2.5 Test duration : 8 hours	Pass
2nd Characteristic numerals Against ingress of water with harmful effects	7	1. CONDITIONS 1.1 The lowest point of enclosure : 1,000 mm 1.2 The highest point of enclosure : 912 mm 1.3 Differential temperature of water and enclosure (less than 5K) : about 1.5 K 2. TEST 2.1 The duration of the test is : 30 min	Pass

2. Reference Data

- (1) Test conditions : 15~35 °C, 25~75 %RH, 86~106 kPa
- (2) Size : \varnothing 101.3(99) mm×H88 mm