

TEST REPORT

1. Applicant

Name : SHIN WOO TECH CO., LTD.
Address : 90-43. Ilshin-Dong, Bupyoung-Gu, Incheon Korea

2. Products

Name : PAN/TILT DRIVER
Model/Type : SPT-30 / L290 mm×H250 mm×W213 mm
Manufacturer : SHIN WOO TECH CO., LTD.

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

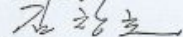
4. Test Results : IP66 (Refer to document)

5. Use of Report : For Quality Control.

6. Date of Application : 2008. 02. 19

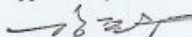
7. Date of Issue : 2008. 03. 05

Tested by



Equipment Safety Team
Chang-ho Kim

Approved by



Equipment Safety Team
Leader Jun-gu Kang

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 2,700 cm ³ 2.2 Reduction air pressure : -0.6 kPa (-60 mmH ₂ O) 2.3 Flow rate : 2.7 LPM 2.4 Extraction rate per hour : 60 volumes/h 2.5 Test duration : 2 hours	Pass
2nd Characteristic numerals Against ingress of water with harmful effects	6	1. CONDITIONS 1.1 Internal diameter of the nozzle : 12.5 mm 1.2 Delivery rate : 100 LPM±5% 1.3 Core of the substantial stream : Circle of 120 mm diameter at 2.5 m distance from the nozzle 1.4 Distance from nozzle to enclosure surface : Between 2.5 m & 3 m 2. TEST 2.1 The duration of the test is : 3 min	Pass

2. Reference Data

(1) Test conditions : 15-35 °C, 25-75 %RH, 86-106 kPa