



Report No.: 13-038092-01

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TEST REPORT

1. Applicant

Name : Young Tech Co., Ltd.

Address : 3022. Hagun-ri, Yangchon-eup, Gimpo-city

Kyunggi-do, Korea

2. Products

Name : SMART POSITIONER

Model/Type : YT-3450

Manufacturer : Young Tech Co., Ltd.

Remark

3. Test Standard/Method: IEC 60529:2001, KS C IEC 60529:2006

4. Test Results : IP66 (Refer to document)

5. Use of Report : For Quality Control

6. Date of Application : 2013. 08. 29

7. Date of Issue : 2013. 09. 05

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Machinery Convergence Technology Center

Chang-ho Kim

Tested by

Approved by

Machinery Convergence Technology Center

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 \(\mu \), width between wires=75 \(\mu \) 1.2 Amount of talcum powder of the test chamber: 2kg/m² 2. TEST 2.1 Volume of the enclosures: about 1,150 cm² 2.2 Reduction air pressure: -2.0 kPa (-200 mmH ₂ O) 2.3 Flow rate: 0.4 LPM 2.4 Extraction rate per hour: 20.9 volumes/h 2.5 Test duration: 4 hours	Pass
2nd Characteristic numerals Against ingress of water with harmful effects	6	 CONDITIONS Internal diameter of the nozzle : 12.5 mm Delivery rate : 100 LPM±5% Core of the substantial stream :	Pass

2. Reference Data

(1) Test conditions : 26.7 ℃, 58 %RH, 86~106 kPa

(2) Size : 129.95 mm×259 mm×122.25 mm

(3) Rating: SIGNAL 4~20 mA

(4) This test was conducted only on body part but not pressure gauge.