

# DUST & WATER PROTECTION



Testing Laboratory  
1090

## TEST REPORT

Application No.: SC014683



METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE

REGIONAL R&D SERVICE DEPARTMENT (TAICHUNG)

NO. 25, 37TH ROAD, INDUSTRIAL PARK, TAICHUNG, TAIWAN, R.O.C.

METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE



Testing Laboratory  
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Application No.: SC014683(E)

Received date: Oct. 07, 2014

Applicant: Apex Dynamics, Inc.

Address: No.10, Keyuan 3rd Rd., Situn District, Taichung City 40736, Taiwan R.O.C.

Sampler: Apex Dynamics, Inc.

Job description: IP65 dust and water protection test

Sample name: P-Series II R

Test date: Oct. 08, 2014~ Oct. 14, 2014

Test place: Electric Safety Lab., Regional R&D Service Department (Taichung)

Metal Industries Research & Development Center

No. 25, 37th road, Industrial park, Taichung, R.O.C.C.

Date issued: Oct. 20, 2014

Note : (1). This report is responsible for designated samples only.

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Report Authorized Person:

Chen-Ping Ho

Inspector:

Wei-Sen Chen

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#### 1、 Test according to:

IEC 60529:2001

Degrees of protection provided by enclosures (IP Code)

#### 2、 Test equipment:

(1) Dust Protection Test Equipment

(2) Water Protection Test Equipment

#### 3、 Test items & contents:

(1) IP6X Test: The DUT was put in a dust chamber, and its enclosure was connected to vacuum pump With underpressure continuous for 2 hours.

(2) IPX5 Test: Water jet hose nozzle with diameter 6.3mm, test time was 3 minutes.

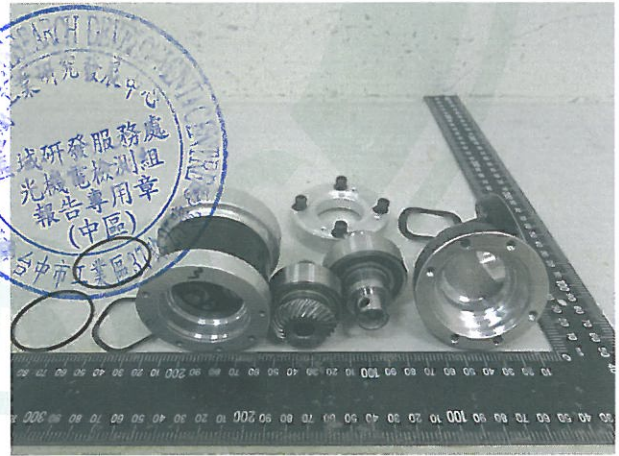
#### 4、 Results:

(1) IP6X test: Pass

(2) IPX5 test: Pass



Front view of P-Series II R



Inside view of P-Series II R

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