

**KING DESIGN INDUSTRIAL CO., LTD.**

4F, NO. 3, Lane 270, Pei Shen Road Sec. 3,

Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C

TEL: 886-2-2662-5100 FAX: 886-2-2662-3094

**VIBRATION TEST LABORATORY**<http://www.kdi.tw><http://www.vibration.com.tw>E-mail: [service@kdi.tw](mailto:service@kdi.tw)**TESTING / INSPECTION REPORT**

REPORT NO : ST-160816-1

COMPANY : PERFECTRON Co., Ltd.

ADDRESS : 2F., No.190, Sec. 2, Zhongxing Rd.,

Xindian Dist., New Taipei City 23146, Taiwan (R.O.C.)

TEL : +886-2-8911-8077

FAX : +886-2-8911-2324

SPECIMEN : SR10-XXX

DATE OF RECEIVED : 2016/08/11

DATE OF TESTED : 2016/08/11

TEST / INSPECTION ITEMS : Shock Test

## REMARKS :

- The laboratory is accredited by ISO/IEC 17025 General Requirements for the Competence of Calibration and Testing Laboratory.
- The results only apply to the device under test.
- This report is 8 pages, and no part of it may be abstracted or reproduced.

Test Engineer :

*Peter Peng*

Approval Signatory :

*David Lee*

Laboratory Head :

*Hsin Zai Cheng*

金頓科技實

## TESTING / INSPECTION REPORT

### TESTING EQUIPMENT :

Shock Tester : KING DESIGN DP-1200-60, S/N : R2110086489  
Controller : Lansmont TP-3, S/N : 0506-046  
Control Accelerometer : B&K 4398, S/N : 2209044  
Measuring Accelerometer : ENDEVCO, Model : 2250AM1-10 S/N : 18897  
Measuring Accelerometer : ENDEVCO, Model : 66A12 S/N : 11071

### TEST ENVIRONMENT :

Temperature : 25°C (25±10°C)  
Relative Humidity : 65%RH (50±25% RH)

### SPECIMEN :

Model Name : SR10-XXX  
Quantity : 2 units

### TEST SPECIFICATION :

Shock test (Operating)  
Wave Form : Sawtooth wave  
Acceleration : 75 g  
Duration Time : 6 mS  
No. of Shock : 3 times (Each axis)  
Shock Direction : +Z axis

### TEST RESULT :

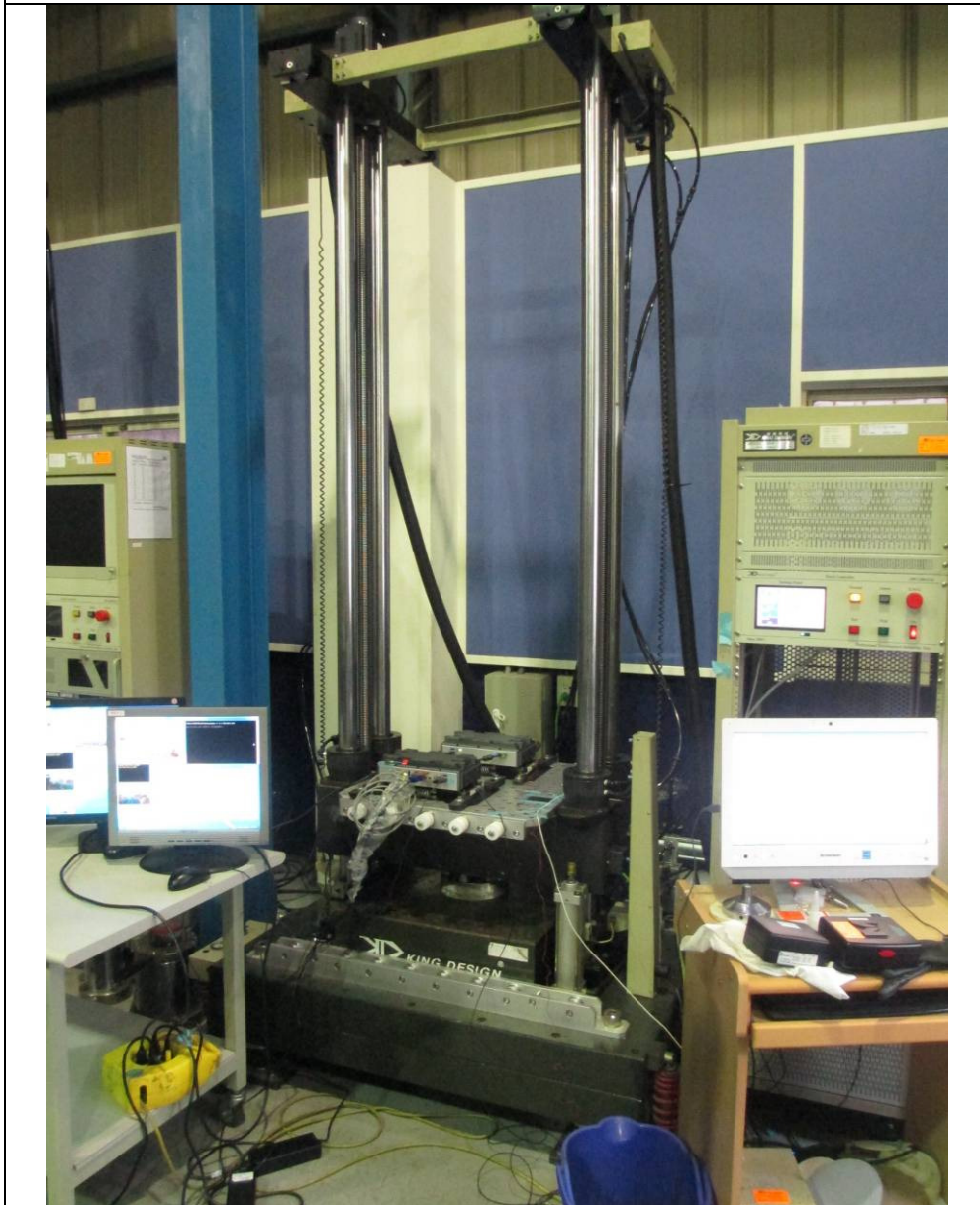
Describe	PASS <sup>(1)</sup>	FAIL	Non-Judgment
Function judgment	√	---	---
Appearance check	√	---	---

(1)-- After completely testing, no loose screws and visible damages were found. Power and interface operation was normal.

## TESTING / INSPECTION REPORT

### Testing photos

#### Tester

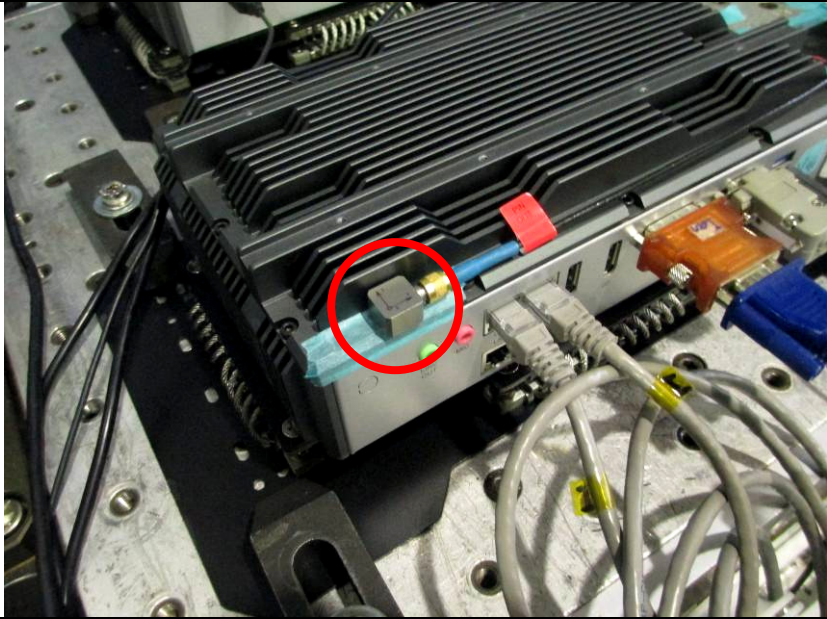




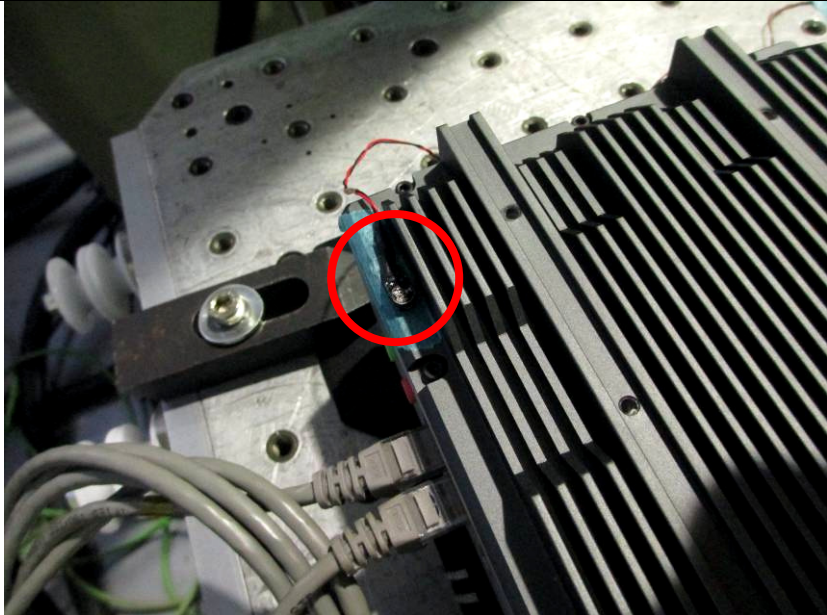
TESTING / INSPECTION REPORT

**Testing photos**

**Sensor position**



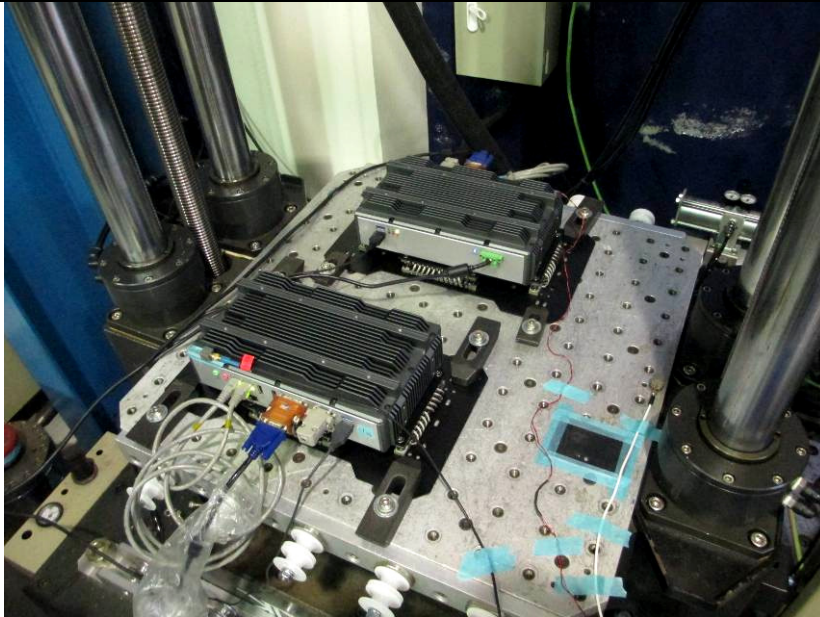
**Sensor position**



## TESTING / INSPECTION REPORT

### Testing photos

#### +Z axis



#### After test



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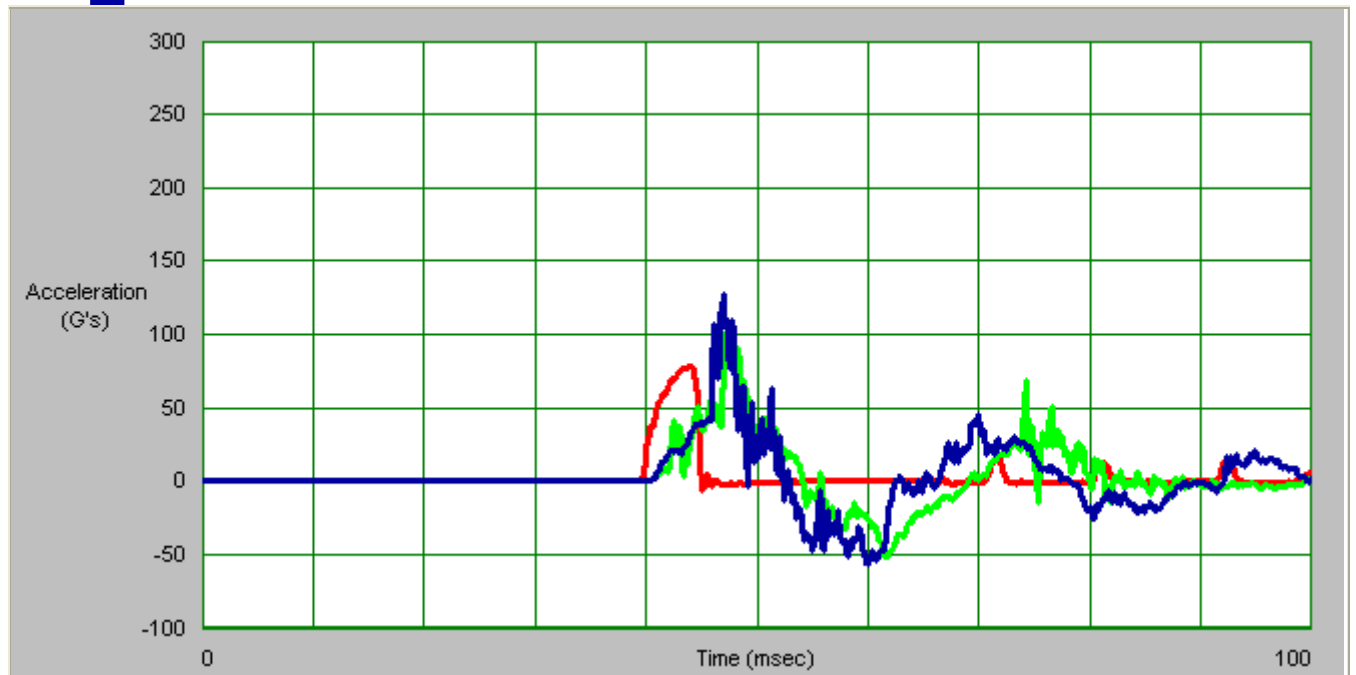
E-mail: service@kdi.tw

## TESTING / INSPECTION REPORT

+Z axis 1

### Acceleration vs Time

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1  Table	77.93	5.40	114.91	800.00	77.93	-6.14
Ch2  Ch 2	102.62	10.30	190.38	800.00	102.62	-51.68
Ch3  Ch 3	127.07	7.60	148.56	800.00	127.07	-56.81



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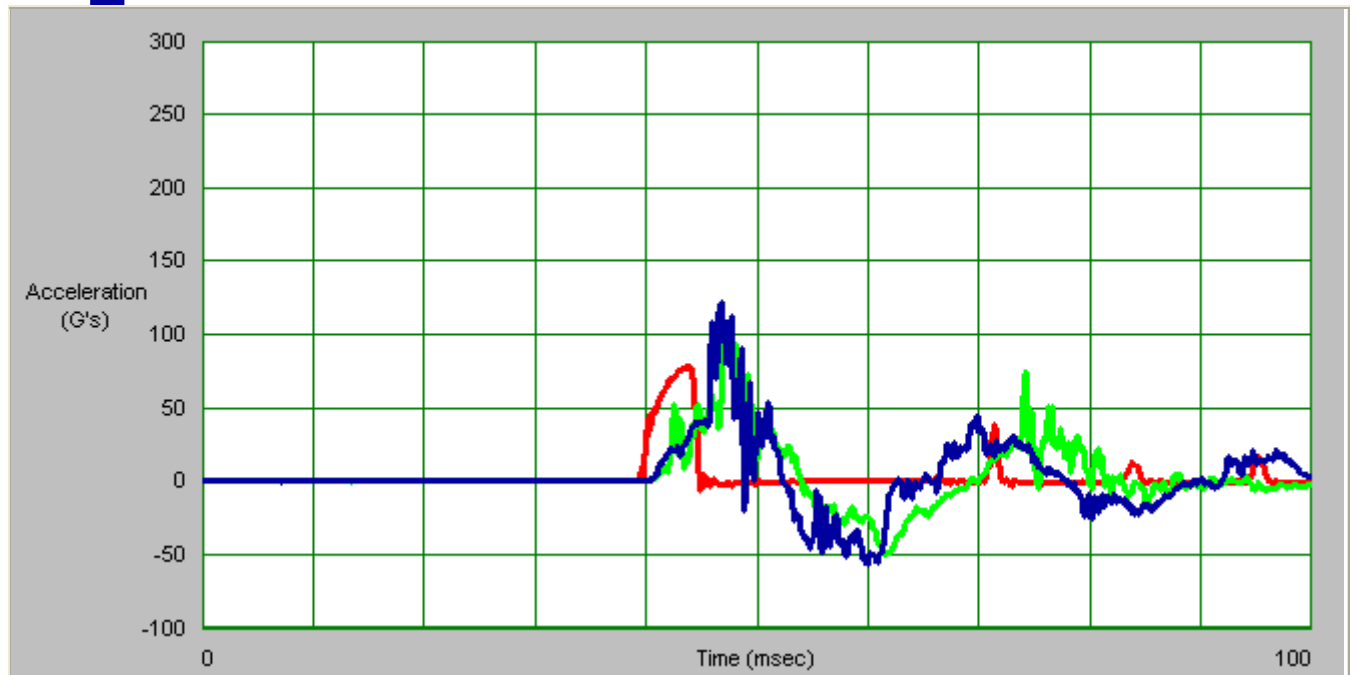
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## TESTING / INSPECTION REPORT

+Z axis 2

### Acceleration vs Time

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1  Table	77.54	5.75	113.62	800.00	77.54	-6.15
Ch2  Ch 2	102.34	10.30	194.80	800.00	102.34	-50.73
Ch3  Ch 3	121.23	7.50	147.13	800.00	121.23	-56.83






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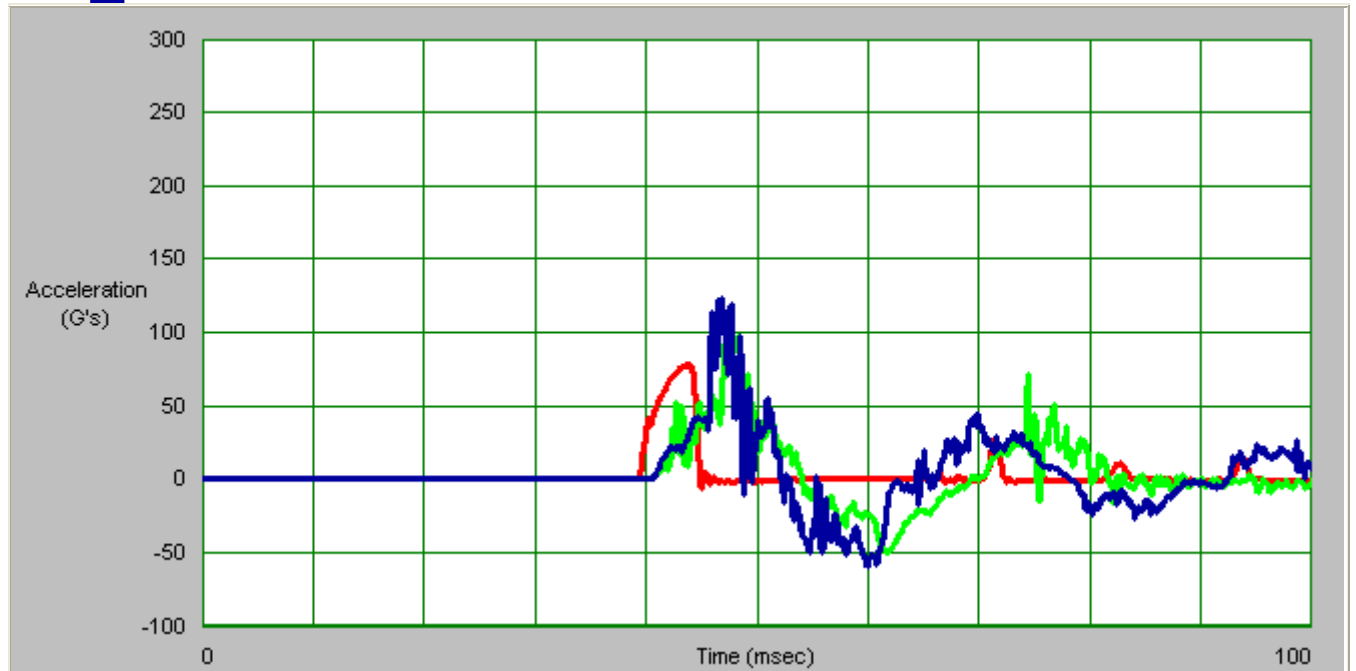
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## TESTING / INSPECTION REPORT

+Z axis 3

### Acceleration vs Time

Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1  Table	77.60	5.70	115.99	800.00	77.60	-6.76
Ch2  Ch 2	103.70	10.00	193.13	800.00	103.70	-49.64
Ch3  Ch 3	122.69	7.40	151.54	800.00	122.69	-60.07



**-END-**