



**Test Report**

Number : TWNH00020318

Applicant: Twinhead International Corp.  
10F, No.550 Rueiguang Road,  
Neihu Taipei, Taiwan 11492, ROC

Date : Jan 07, 2011

Sample Description:

One (1) unit of submitted sample said to be:  
Item Name : U12C (Tempered Glass Touch Screen)  
Item No. : -  
Quantity : 1 unit  
Date Sample Received : Jan 03, 2011  
Date Test Started : Jan 03, 2011

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Tests Conducted:

As requested by the applicant, for details please refer to attached pages.

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Conclusion:

<u>Test Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	Free Drop Test - With reference to MIL-STD 810G, Method 516.6, Procedure IV.	See test conducted

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Authorized by:  
On Behalf of Intertek Testing Services  
Taiwan Limited



Paul Yu  
Director

Test Conducted

**Free Drop Test**

**Test Equipment:**

Equipment : Free Drop Tester  
Manufacturer : Yoshida  
Model Number : DT-100D  
Reference Ruler : PH-135  
Date of Calibration : Mar 23, 2010

**Laboratory Ambiance Condition:**

Temperature : 15 ~ 35 °C  
Humidity : 25 ~ 75 %RH

**Reference Document:**

The test was performed with reference to MIL-STD 810G, Method 516.6, Procedure IV.

**Peripheral Set-up Diagram:**

- Sample Size: 1 unit
- Sample photo before the test:

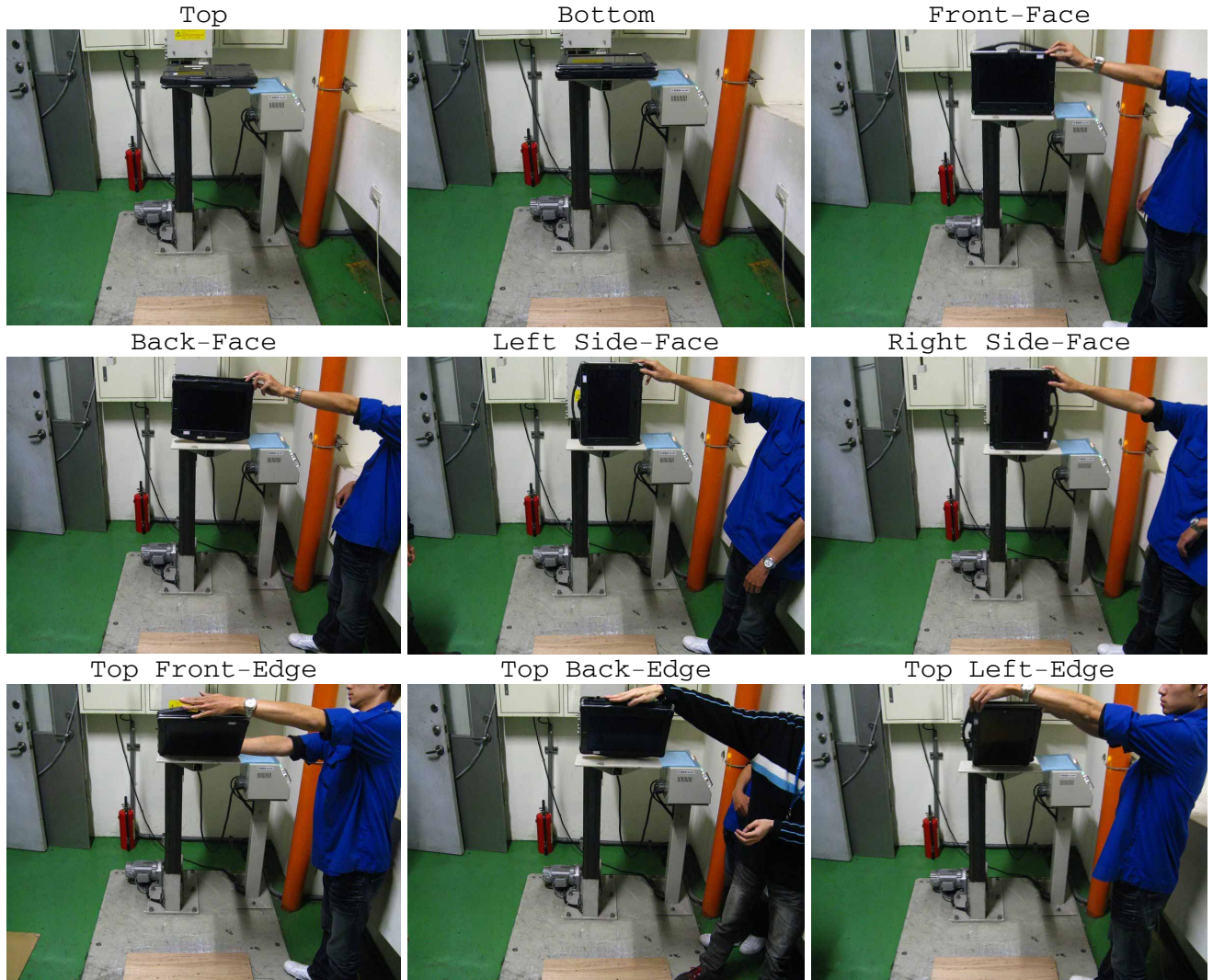


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Test Conducted

**Free Drop Test**

-Setup photo:



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Test Conducted

**Free Drop Test**

-Setup photo:



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Test Conducted

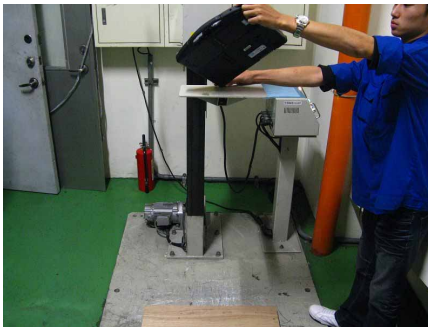
**Free Drop Test**

-Setup photo:

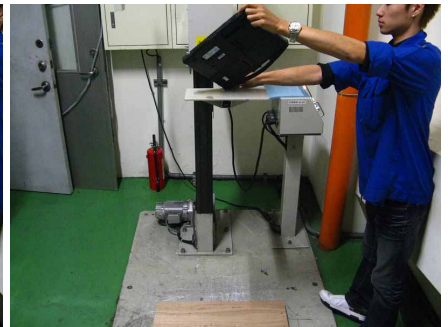
Bottom Front Left-Corner



Bottom Front Right-Corner



Bottom Back Left-Corner



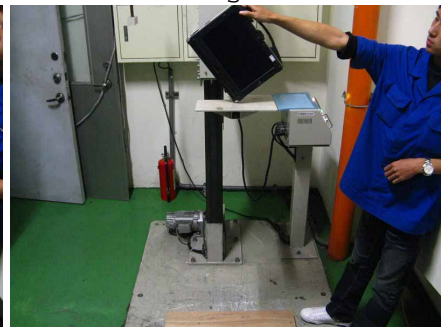
Bottom Back Right-Corner



Left Side Front Corner-Edge



Left Side Back Corner-Edge



Right Side Front Corner-Edge



Right Side Back Corner-Edge



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**Free Drop Test**

**Test Condition:**

- Drop Height: 122 cm
- Test Sequence:

No.	Description (Steps)	Results
122cm(48inches) drop Non-OP		
1	Top	Pass
2	Bottom	Pass
3	Front-Face	Pass
4	Back-Face	Pass
5	Left Side-Face	Pass
6	Right Side-Face	Pass
7	Top Front-Edge	Pass
8	Top Back-Edge	Pass
9	Top Left-Edge	Pass
10	Top Right-Edge	Pass
11	Top Front Left-Corner	Pass
12	Top Front Right-Corner	Pass
13	Top Back Left-Corner	Pass
14	Top Back Right-Corner	Pass
15	Bottom Front-Edge	Pass
16	Bottom Back-Edge	Pass
17	Bottom Left-Edge	Pass
18	Bottom Right-Edge	Pass
19	Bottom Front Left-Corner	Pass
20	Bottom Front Right-Corner	Pass
21	Bottom Back Left-Corner	Pass
22	Bottom Back Right-Corner	Pass
23	Left Side Front Corner-Edge	Pass
24	Left Side Back Corner-Edge	Pass
25	Right Side Front Corner-Edge	Pass
26	Right Side Back Corner-Edge	Pass

-Gross weight: 2.48 kg

**Test Procedures:**

- Determine the gross weight of the product.
- Set up the condition to the tester.
- Inspect the product before initiating test. Record any imperfection.
- Perform drop test according to test condition.
- Inspect the product and record any imperfection.

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Test Conducted

**Free Drop Test**

**Summary:**

- No visible damage was found.
- Charge function was normal after the test.
- Booting function was normal after the test.
- Burn-in test function was normal after the test(include HDD Access).
- CCD function was normal after the test.
- Sample photo after the test:



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End of report