



CCT Mark Test Report Summary

Vendor Name: Future Technology Industry Ltd

Product Name: Hard Disk Magnetic Crusher

Model: COMBO

Test Laboratory:

SiVenture

Unit 6, Cordwallis Park
Clivemont Road
Maidenhead
Berkshire
SL6 7BU

Telephone: 01628 651360

Vendor:

Future Technology Industry Ltd

Asmec Centre
The Ring
Bracknell,
Berkshire.
RG12 1HB

Telephone: 01344 382100

Test Report Summary Issue Date: 13 June 2007

Further details about the claims tested are included in the Information Assurance Claims Document (CCT Mark Certificate Number 2007/06/0022) published on the CCT Mark website (www.cctmark.gov.uk)

1 Test Result

- 1.1 The CSIA claims testing of the Hard Disk Magnetic Crusher COMBO by SiVenture concluded that the claims made within [ICD] are valid for this IA Product.

2 References

Reference	Description
[ICD]	IA Claims Document published on the CCT Mark website for the Hard Disk Magnetic Crusher COMBO
[User Guide]	The tests also made use of the degausser user manual, available from the manufacturer, Orient Instrument Computer Company Limited.
[Degaussing Standard]	Amendment to Infosec Standard 5, The CESG Degaussing Standard and Requirements for Testing Degausser Equipment (Lower Level), V1.0

3 Scope of Testing

- 3.1 The product is a magnetic media eraser and crusher made by Orient Instrument Computer Company Limited of Osaka, Japan. A high-field magnetic pulse is used to erase data on the media. The media may also be physically damaged by having spikes driven through. Various types of magnetic media, though principally HDDs and data storage tapes, can be put in the media drawer and erased according to simple instructions. A full description of the product is given in [User Guide].
- 3.2 The claims were tested following procedures laid out in [Degaussing Standard].
- 3.3 Examples for each medium for HDDs, Data tapes, floppy disks and ZIP disks were used in testing. The material purchased was the latest media of the highest coercivity commercially available at the time of purchase. Media up to and including the date of manufacture of this material can be assumed to be covered by the tests. Media manufactured after this date may be of higher coercivity and data may not be completely destroyed in subsequent erasures and so will not be covered by the certification
- 3.4 The media was processed following the instructions provided in [User Guide]. Several choices of mode are available (Hi, Auto, Erase and Crush).
- 3.5 The tests were conducted at SiVenture's Test Laboratory (Unit 6, Cordwallis Park, Clivemont Road, Maidenhead, Berkshire, SL6 7BU).

4 **Ease of Use**

- 4.1 The product may be installed and used very easily. After unpacking and inserting the power cord, the unit is useable within minutes. The instruction manual can be read and understood within minutes. The instructions guide the user through the choices logically and clearly.
- 4.2 The COMBO, along with other degaussers, uses a strong magnetic field. It is recommended that those with cardiac pacemakers or other sensitive devices not to use this equipment or be in the vicinity when the equipment is in use.

5 **Quality of User and Administration Documentation**

- 5.1 The Operation Manual is of sufficient quality to enable the testing to be carried out competently and to enable a typical user to successfully use the product.

6 **Resistance to Publicly Known Vulnerabilities**

- 6.1 There are no publicly known vulnerabilities.

7 **Validation of Existing Assurance Certificates**

- 7.1 The product used for data destruction has been tested for compliance with the CESG lower level degaussing standard (Amendment to HMG Infosec Standard 5, ver 2.0, October 2006).

8 **Disclaimer**

- 8.1 CSIA Claims Testing is not a guarantee of freedom from security vulnerabilities. There remains a probability that exploitable security vulnerabilities may exist in the IA Product, or the IS environment supporting the IA Product. The issue of a Test Report Summary is not an endorsement of a product or service.
- 8.2 This Test Report Summary serves solely to summarise the results of the testing carried out for the CCT Mark scheme and should not be taken as an endorsement or otherwise of the product.

9 **Abbreviations**

CCT	CSIA Claims Tested Mark
CESG	Communications-Electronics Security Group
CSIA	Central Sponsor for Information Assurance
DA	Decision Authority

HDD	Hard Disk Drive
IA	Information Assurance
ICD	Information Assurance Claims Document
IS	Information Systems