

DUST TEST REPORT

Company : Getac Technology Corporation
 Address : No. 1, R&D 2nd Road, Hsin-Chu Science Based Industrial Park,
 Hsin-Chu Hsien 300, Taiwan, R.O.C.
 Model Name : S400
 Date Received : APR 07, 2010
 Date Tested : APR 07, 2010

TESTING LABORATORY IS ACCREDITED BY:

IEC/IECQ 17025 certificate of independent test laboratory approval

Certificate No. : T1091



ISO 17025 accredited in respect of laboratory is approved by TAF

Certificate No. : L0835-090819

ISO 9001 certificate is approved by TUV CERT certification body of TUV NORD Cert GmbH

WE HEREBY CERTIFY THAT:

The test(s) shown in the attachment were conducted according to the indicating procedures. We assume full responsibility for the accuracy and completeness of these tests and vouch for the qualifications of all personnel performing them.

	Name	Signature	Date
Test Engineer	Lex Tseng		APR 08, 2010
Manager	General Lee		APR 08, 2010

NOTE :

1. This report will be invalid if reproduced in part or altered in any way.
2. This report refers only to the specimen(s) submitted to test and is invalid if used otherwise.
3. This report is ONLY valid with the examination seal and signature of this institute.
4. The tested specimen(s) will only be preserved for thirty days from the date issued, if not collected by the applicant.



TABLE OF CONTENTS

1. GENERAL INFORMATION

1.1 DESCRIPTION OF UNIT	2
1.2 UNIT TESTING SETUP	2
1.3 UNIT OPERATING CONDITION	2

2. DUST TEST

2.1 TEST EQUIPMENT	3
2.2 LABORATORY AMBIENCE CONDITION	3
2.3 REFERENCE DOCUMENT	3
2.4 TEST CONDITION	3
2.5 SUMMARY OF TEST	3

ATTACHMENTS	4
--------------------------	----------

1. GENERAL INFORMATION

1.1 DESCRIPTION OF UNIT

MANUFACTURER : Getac Technology Corporation

MODEL NAME : S400

SAMPLE QUANTITY : 1 unit

1.2 UNIT TESTING SETUP:

See attachment on page 4

1.3 UNIT OPERATING CONDITION:

During operating testing, unit power is on and functional.

2. DUST TEST

2.1 TEST EQUIPMENT

Model	Serial Number	Calibration Date
Vötsch- VDT 1000A	59566059640010	NOV 27, 2009

2.2 LABORATORY AMBIENCE CONDITION

Temperature : 23±3°C

Relative humidity : 55%±3% (RH)

2.3 REFERENCE DOCUMENT

This test refers to IEC60529 IP5X Dust Test Protected.

2.4 TEST CONDITION

Unit is operating.

Dust material : Talcum powder (100% dry fine)

Particle size	Amount (%)
< 5 µm (Diameter)	42.31%±5
5~10 µm (Diameter)	35.85%±5
10~20 µm (Diameter)	21.15%±5
20~40 µm (Diameter)	0.69%±5
> 40 µm (Diameter)	0%

Amount of talcum powder : 2 kg/m³ (chamber volume)

Dust density : 2.03 g/cm³

Air direction : Vertically to achieve slowest possible downward settlement

Duration of exposure : 8 hours

2.5 SUMMARY OF TEST

After testing, unit function was normal and no shutdown.

Attachment 1 : Photo of dust test setup

Before test



After test

