



**QUANTA
LABORATORIES**

3199 De La Cruz Boulevard • Santa Clara, CA 95054-2483
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E-MAIL: test@quantalabs.com

Certificate of Conformance

This is to certify that the results from the test(s) requested by
inSynC MEMS Mirror Array are on file under
Quanta Laboratories Job No. QL-22-0325 and conform
to the specification(s) stated in P.O. No. 132582

These results apply to the following equipment and are
available for review upon request.

Model No: Alcedo3

S/N: N/A

*** Shock Test ***



Maris Delos Reyes
Quanta Laboratories

Maris Delos Reyes 04/29/2022

Quanta Laboratories

Date

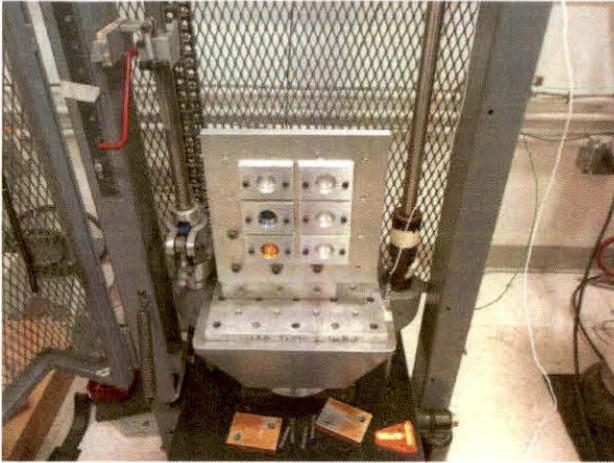
SHOCK TEST DATA



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CLIENT:			P.O. NO: 132582	
SPECIMEN: Alcedo3			JOB NO: QL-22-0325	
SPECIFICATION: Client's Specification			PAGE 1 OF 1	
EQUIPMENT: Lab drop tester		TEMPERATURE: 25°C	HUMIDITY: 38%	
DATE	S/N	AXIS	SHOCK SPEC.	REMARKS
04/26/2022	N/A	(+) X	<u>Half-Sine Shock Test</u> 500G 0.5ms 750G 0.5ms 1000G 0.5ms 1250G 0.5ms 1500G 0.5ms 3 shocks / 6 direction Total: 18 Shocks Each Level	Non-Operational Test Test completed to specification requirements.
		(-) X		
		(+) Y		
		(-) Y		
		(+) Z		
		(-) Z		
				DEFINITION OF AXES See Photos Page
TEST ENGINEER: George Sun			AH	DATE: 04/26/2022

inSync MEMS Mirror Array
Shock Test



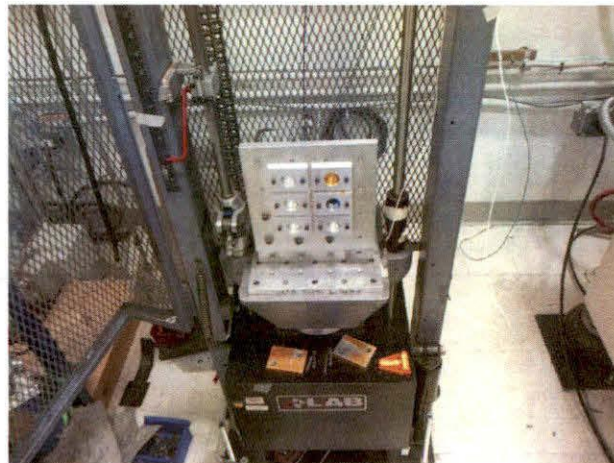
+ X--axis



-+Y--axis



+ Z--axis



- X--axis



- Y--axis



- Z--axis

QL-TTS-152
10/26/2018

QUANTA LABORATORIES EQUIPMENT LIST

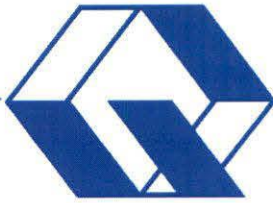


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Client:						P.O. NO:	132582
						JOB NO.:	QL-22-0325
DIGITAL SYSTEM LIST							
Device Type	Description	Make & Model	Range	Asset #	Serial #	Due Date	
Data Acquisition System	DAS-7	JAC CS-4		QL-0904	196101385	06/09/2022	
MECHANICAL SYSTEM LIST							
Device Type	Description	Make & Model	Range	Asset #	Serial #	Due Date	
Drop Machine	LAB Drop Tester	LAB 2D-500	24" TO 68"	QL-0169	780061	Calibration Not Required	
SENSOR LIST							
Device Type	Description	Make & Model	Range	Asset #	Serial #	Due Date	
Accelerometers	Single-Axial	DYTRAN 3200B4	100~10000 Hz 5000 G	QL-0692	3380	06/29/2022	
Miscellaneous List							
Device Type	Description	Make & Model	Range	Asset #	Serial #	Due Date	
Temp Humidity Sensor	ambient room monitor#2 (Control rm 4)	Acurite 06038MA1	32°F to 122°F; 0°C to 50°C 16% – 98% RH (relative humidity)	QL-1337	Q41	07/02/2022	
Customer-Supplied Equipment							
Device Type	Description	Make & Model	Range	Asset #	Serial #	Due Date	

Notes

1. This report may not be reproduced, except in full, without written approval by Quanta Laboratories.
2. The information in this report applies only the items tested or calibrated.
3. Measurements in this report are traceable to SI units via national standards maintained by NIST or derived from acceptable values of natural physical constants that comply with ISO 17025:2017 and A2LA requirements.
4. In Tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement.
5. The estimated measurement uncertainty (EMU), if reported on this certificate, is being reported at a confidence level of 95% or K=2 unless otherwise noted in the comments section.



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Quanta Laboratories Test Report

Quanta Laboratories submits this report with our Certificate of Conformance to the requirements of the applicable specifications and with appropriate supporting data, but with no other expressed or implied warranty. Customer assumes full responsibility when using or interpreting the data herein for evaluation and/or reporting purposes. The contents of this report apply only to the sample(s) as received and were provided to Quanta Laboratories by the Customer. Sampling methods are unknown unless data is provided by the Customer.

Quanta Laboratories is only responsible for the processes and data resulting from testing at Quanta Laboratories. Quanta Laboratories is not responsible for verifying data supplied by the Customer. Customer supplied data, equipment, items, and personnel are identified in the report by the symbol "*" and accompanying footnote.

Issue Date		Author(s)	Description
04/29/2022		George Sun	Initial Release
Revision Number	Revised Date	Revised by	Description of Revision

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End of Report
QL-22-0325
