Test Report

Report No：DN-24062501R

Sample Description：GRABO High Flow

Applicant：Nemo Power Tools Limited

Address：21st Floor, CMA Building 64 Connaught Road

Central Hong Kong

Test category：Entrustment Inspection

Shenzhen DL New Energy Testing Technology Co., Ltd.

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Test Report

Report No.			
DN-24062501R			
Sample Description：	GRABO High Flow	Model:	GHF-V1
Specification:	-	Sample Appearance:	BLACK
Brand	N/A	Sample quantity:	1PCS
Applicant:	Nemo Power Tools Limited 21st Floor, CMA Building 64 Connaught Road Central Hong Kong		
Manufacture	Nemo Power Tools(Huizhou) Co.,Ltd 2/F, 4th Industrial Area, Luokeng Village, Xiaotie Zone, Xiaojinkou Town, Huicheng District, Huizhou City, Guangdong Province, China		
Receive date ：	2024-06-25	Test Date： 2024-06-26	Publish Date： 2024-06-28
Testing environment：	Ambient temperature：20℃±5℃，RH：15%~90%		
RefStandard：	As per client's request		
Test Item：	Vibration test		
Test summary：	See test records on the next page		

Compile By

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Check By

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Gary Wu

1.Test method

Frequency range (Hz)		Amplitudes	Duration of logarithmic sweep cycle (7 Hz – 200 Hz – 7 Hz)	Axis	Number of cycles
from	to				
f_1 = 7 Hz	f_2	A1 = 1 g_n		X	12
f_2	f_3	S = 0,8 mm		Y	12
f_3	f_4 = 200 Hz	A2	Approximately 15 min	Z	12
and back to f_1 = 7Hz				Total	36

NOTE　Vibration amplitude is the maximum absolute value of displacement or acceleration. For example, a displacement amplitude of 0,8 mm corresponds to a peak-to-peak displacement of 1,6 mm.
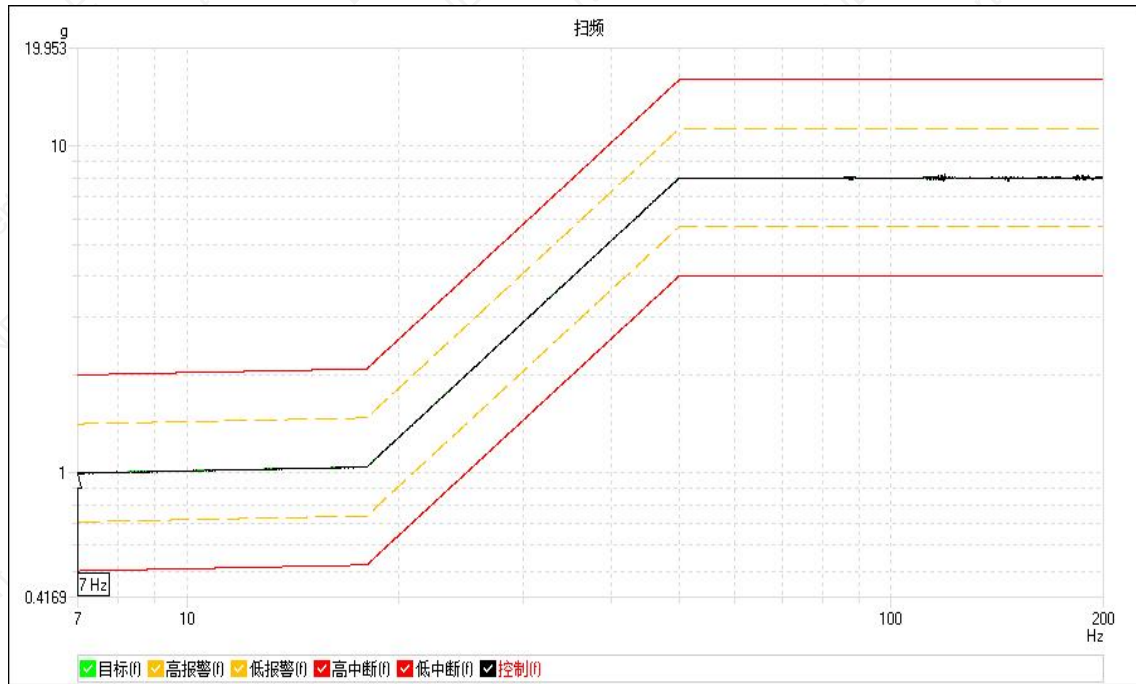
Key

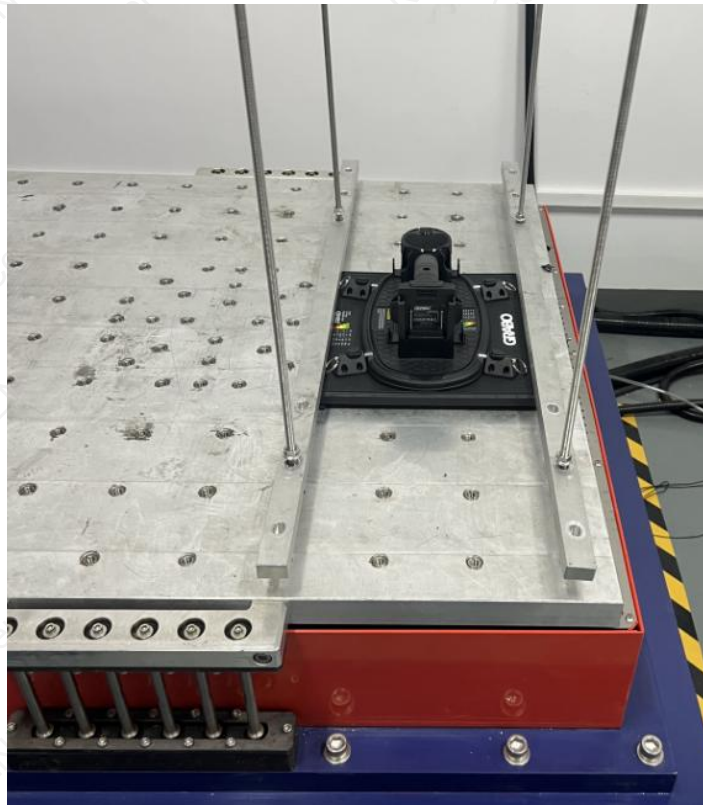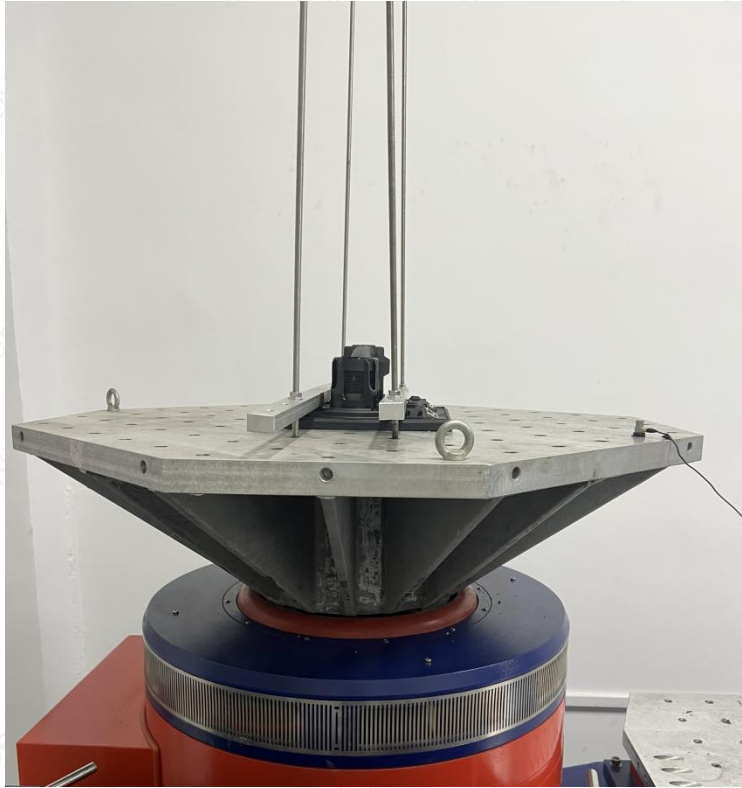|	
f_1, f_4	lower and upper frequency
f_2, f_3	cross-over frequencies
	– f_2 ≈ 17,62 Hz
	– f_3 ≈ 49,84 Hz
A1, A2	acceleration amplitude
	– A2 = 8 g_n
S	displacement amplitude

2.Test records
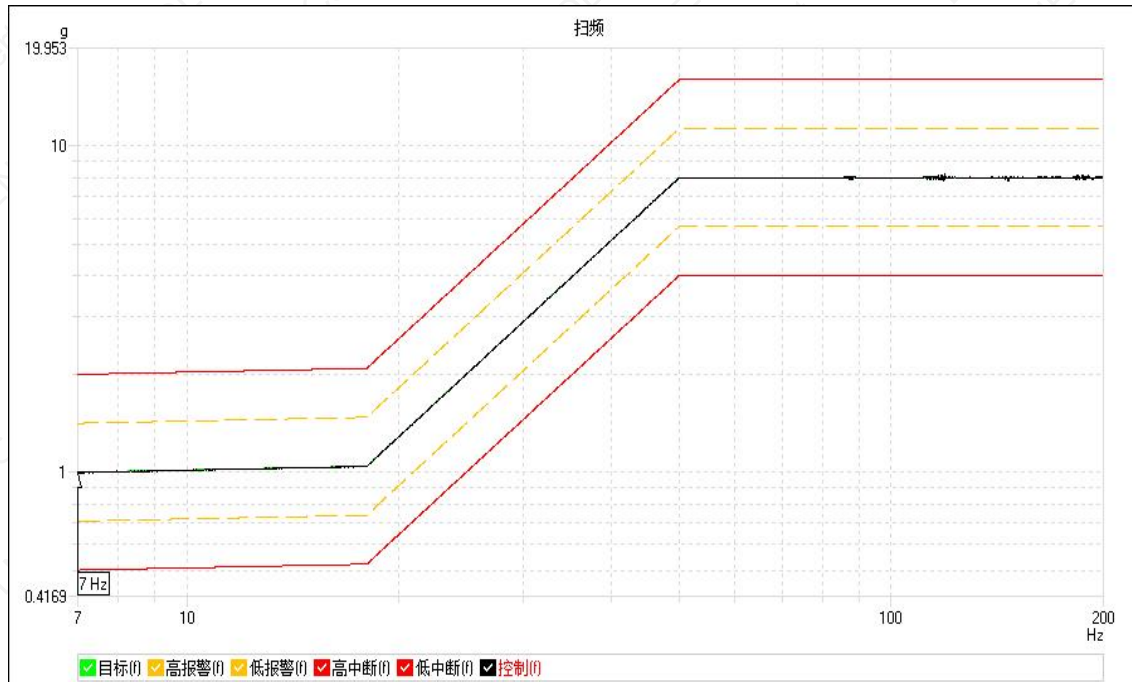
X-Axis

Y-Axis
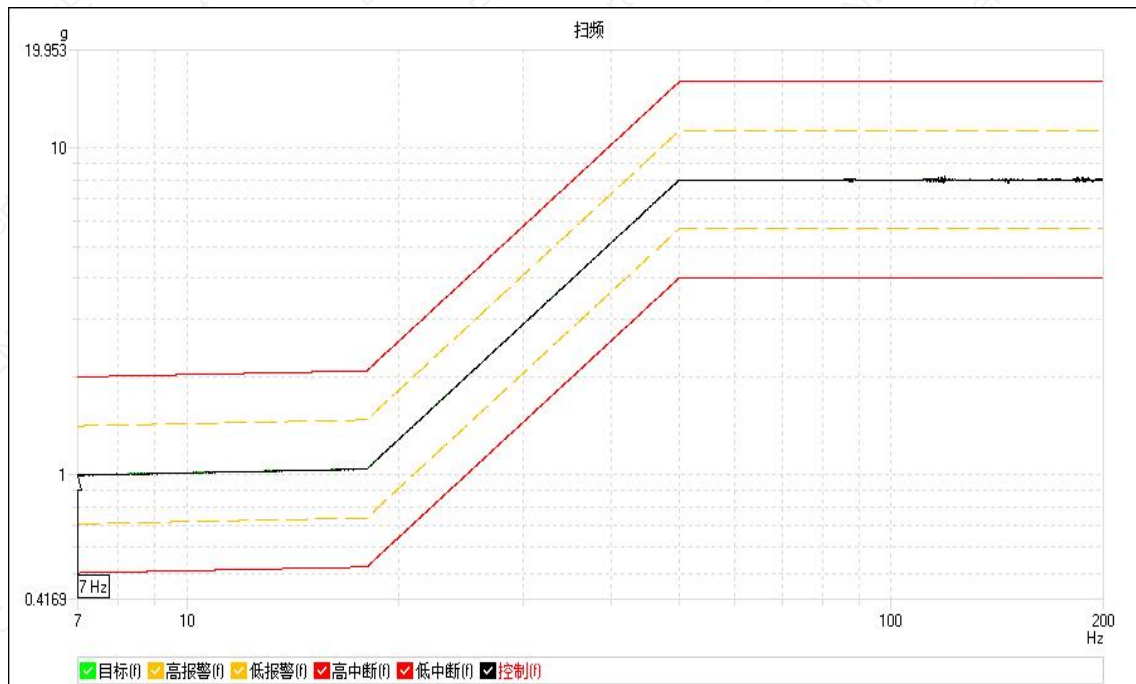
Z-Axis

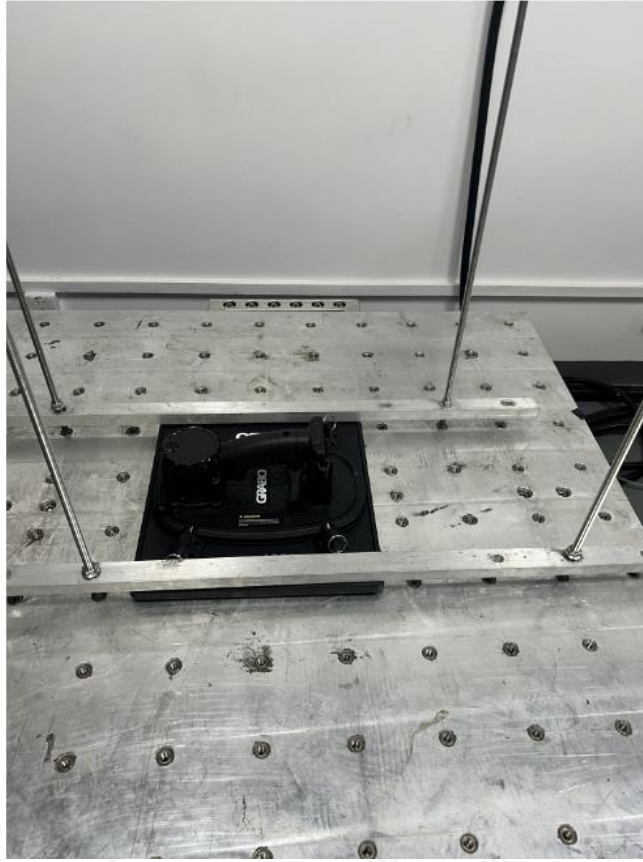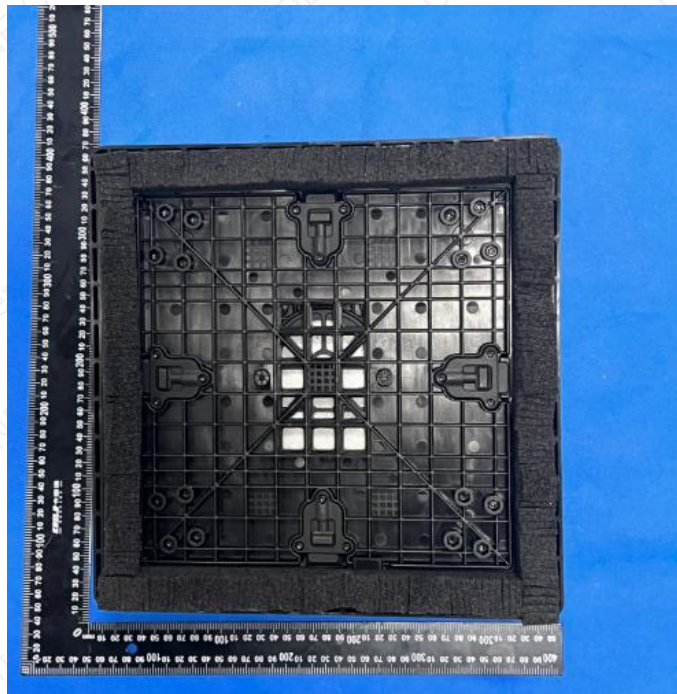## 3.Test photos

4. test result

After the test, the components of the product have no loose, no damage, no damage, and the function is normal

5.Sample photos

report the end