

Calibration Report

Model: BladeBench

Serial: 001

Test Equipment:	Model	Serial	Last Calibration
Electronic Load	TekPower 3711A	A06 DO 02 176	10/08/16
50g calibration weight	SmartWeigh CW-50G		
100g calibration weight	SmartWeigh CW-100G		
200g calibration weight	SmartWeigh CW-200G		
300g calibration weight	SmartWeigh CW-300G		

Component:	Model	Serial	Certificate Number	Cert Date
Load Cell	ANYLOAD 108BA-3kg	1217003970	12-036A1	06/04/17

Electrical Calibration

Date	12-27-17	Temperature (C)	16.5
------	----------	-----------------	------

Test: Voltage

Reference (V)	Indicated (V)	Error	Error %
6s Range			
17.99	18.005	0.015	0.08%
16.99	17.007	0.017	0.10%
16.00	16.011	0.011	0.07%
3s Range			
13.00	13.009	0.009	0.07%
12.01	12.009	-0.001	-0.01%
11.01	11.010	0.000	0.00%
9.99	9.989	-0.001	-0.01%
9.00	8.989	-0.011	-0.12%
8.01	8.011	0.001	0.01%
7.00	7.002	0.002	0.03%
6.01	6.011	0.001	0.02%
5.01	5.013	0.003	0.06%
4.02	4.010	-0.010	-0.25%

Linearity (R²)	0.999995
----------------------------------	----------

Linearity (R²)	0.999997
----------------------------------	----------

Test: Amperage

Reference (A)	Indicated (A)	Error	Error %
20	20.011	0.011	0.05%
18	18.012	0.012	0.07%
16	16.015	0.015	0.09%
14	14.011	0.011	0.08%
12	12.004	0.004	0.03%
10	9.999	-0.001	-0.01%
8	7.997	-0.003	-0.04%
6	6.004	0.004	0.07%
4	4.000	0.000	0.00%
2	2.000	0.000	0.00%

Linearity (R²)	1.000000
----------------------------------	----------

Min Sensitivity (A)	0.43
----------------------------	------

Mechanical Calibration

Date	02-18-18	Temperature (C)	16.4
------	----------	-----------------	------

Test: Torque

Reference (Nm)	Indicated (Nm)	Error	Error %
0.026478	0.026428	-0.000050	-0.19%
0.052956	0.053007	0.000051	0.10%
0.105912	0.106106	0.000194	0.18%
0.158868	0.158748	-0.000120	-0.08%

Linearity (R²)	0.999995
----------------------------------	----------