



Calibration Report

Part Number :	DCL2-20-TCP
Description :	Single Axis Closed Loop Inclinometer $\pm 20^\circ$
Accuracy @ 20°C :	± 0.005
Serial Number :	58460
Date :	05/06/2017

Calibration Test - X Axis Readings in Degrees

Cal point	Angle	Error	Cal point	Angle	Error
-20.0000	-20.0037	-0.0037	1.0000	1.0002	0.0002
-19.0000	-19.0027	-0.0027	2.0000	2.0010	0.0010
-18.0000	-18.0028	-0.0028	3.0000	3.0005	0.0005
-17.0000	-17.0026	-0.0026	4.0000	4.0009	0.0009
-16.0000	-16.0026	-0.0026	5.0000	5.0009	0.0009
-15.0000	-15.0026	-0.0026	6.0000	6.0014	0.0014
-14.0000	-14.0025	-0.0025	7.0000	7.0014	0.0014
-13.0000	-13.0022	-0.0022	8.0000	8.0014	0.0014
-12.0000	-12.0017	-0.0017	9.0000	9.0011	0.0011
-11.0000	-11.0018	-0.0018	10.0000	10.0013	0.0013
-10.0000	-10.0017	-0.0017	11.0000	11.0013	0.0013
-9.0000	-9.0016	-0.0016	12.0000	12.0012	0.0012
-8.0000	-8.0014	-0.0014	13.0000	13.0011	0.0011
-7.0000	-7.0013	-0.0013	14.0000	14.0014	0.0014
-6.0000	-6.0012	-0.0012	15.0000	15.0012	0.0012
-5.0000	-5.0010	-0.0010	16.0000	16.0013	0.0013
-4.0000	-4.0007	-0.0007	17.0000	17.0010	0.0010
-3.0000	-3.0005	-0.0005	18.0000	18.0009	0.0009
-2.0000	-2.0001	-0.0001	19.0000	19.0010	0.0010
-1.0000	-1.0003	-0.0003	20.0000	20.0006	0.0006
0.0000	0.0000	0.0000			

X Axis: Maximum Cross Axis Deviation = 0.0036°

Test Voltage :	24Vdc
Measurement taken by :	Ashley Lloyd
Equipment Used :	IDACS
Signed :	



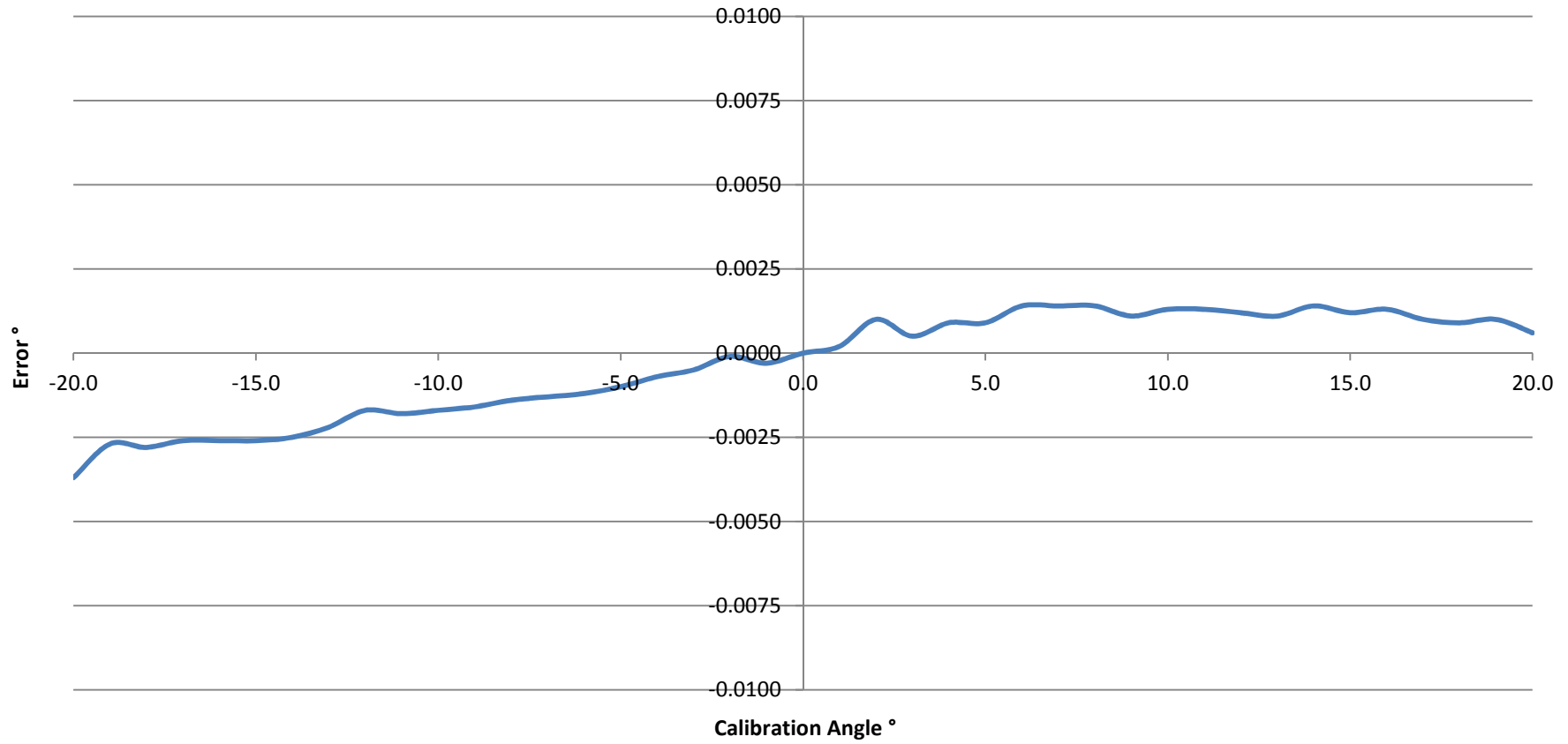
level developments

Level Developments Ltd
Spencer Place
97-99 Gloucester Road
Croydon
Surrey CR0 2DN
United Kingdom

t. +44 (0)20 86841400
f. +44 (0)20 86841422
sales@leveldevelopments.com

www.leveldevelopments.com

58460 - X Axis: Error Over Measurement Range





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Part Number :	DCL2-20-TCP
Description :	Single Axis Closed Loop Inclinometer $\pm 20^\circ$
Accuracy @ 20°C :	± 0.005
Serial Number :	58460
Date :	05/06/2017

Calibration Test - Y Axis Readings in Degrees

Cal point	Angle	Error	Cal point	Angle	Error
-20.0000	-19.9984	0.0016	1.0000	1.0001	0.0001
-19.0000	-18.9987	0.0013	2.0000	2.0003	0.0003
-18.0000	-17.9992	0.0008	3.0000	3.0003	0.0003
-17.0000	-16.9995	0.0005	4.0000	4.0006	0.0006
-16.0000	-15.9995	0.0005	5.0000	5.0010	0.0010
-15.0000	-15.0001	-0.0001	6.0000	6.0013	0.0013
-14.0000	-14.0000	0.0000	7.0000	7.0014	0.0014
-13.0000	-13.0000	0.0000	8.0000	8.0015	0.0015
-12.0000	-12.0002	-0.0002	9.0000	9.0018	0.0018
-11.0000	-11.0003	-0.0003	10.0000	10.0022	0.0022
-10.0000	-10.0006	-0.0006	11.0000	11.0025	0.0025
-9.0000	-9.0008	-0.0008	12.0000	12.0025	0.0025
-8.0000	-8.0006	-0.0006	13.0000	13.0029	0.0029
-7.0000	-7.0010	-0.0010	14.0000	14.0035	0.0035
-6.0000	-6.0008	-0.0008	15.0000	15.0037	0.0037
-5.0000	-5.0008	-0.0008	16.0000	16.0039	0.0039
-4.0000	-4.0007	-0.0007	17.0000	17.0041	0.0041
-3.0000	-3.0007	-0.0007	18.0000	18.0041	0.0041
-2.0000	-2.0008	-0.0008	19.0000	19.0042	0.0042
-1.0000	-1.0005	-0.0005	20.0000	20.0046	0.0046
0.0000	0.0000	0.0000			

Y Axis: Maximum Cross Axis Deviation = 0.0015°

Test Voltage :	24Vdc
Measurement taken by :	Ashley Lloyd
Equipment Used :	IDACS
Signed :	



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58460 - Y Axis: Error Over Measurement Range

