

Part Description: Platinum

Certification Date: 03.26.07

Serial#: \_\_\_\_\_

P06-05-07-22720

Single Point 2 Sigma: \_\_\_\_\_

P06-05 +/- .026mm (+/- .0010")

Certificate#: \_\_\_\_\_

P2272039167

Linear Displacement 2 Sigma: \_\_\_\_\_

P06-05 +/- .037mm (+/- .0015")

Temperature: See attached data

**Measurement Standards Traceability**

Ball Bar Kit Asset Number: 740

Calibration Date: 10.09.06

\*SI Traceability: METAS-L610EK044e

10mm Step Gauge, Mitutoyo Asset Number: 732

Calibration Date: 02.08.05

\*SI Traceability: NIST-821/270467-04

Code No.: 515-744

Measuring range: 1.5m

\*The artifact above has been calibrated with a device traceable to the International System of Units (SI) through a National Metrological Institute (NMI) or through an ISO17025 Accredited Laboratory. Expanded measurement uncertainty is 3.9 + 5.9X micrometers, where X=measured value in meters. Uncertainty is expressed at approximately the 95% Level of Confidence using k=2.00.

**Certification Results**

A basic four quadrant certification included with all FARO Arms and comprised of: 2 vertical level single point repeatability test in

4 quadrants with 5 repeats from 4 directions

Step Gauge Test in 4 quadrants, 3 orientations per quadrant

3 Length, 3 position free ball bar test in 4 quadrants

Calibration and certification conforms to procedures developed in accordance with ASME B89.4.22-2004.

**Instrument condition as received**

New

Technician: \_\_\_\_\_



Björn Heinsohn

Date: 3.26.07

**Instrument condition outgoing**  
Within specifications

This certificate shall not be reproduced, except in full, without permission of FARO Technologies, Inc. The results of this certificate relate only to the items calibrated or tested.

FARO Technologies, Inc.

FARO Swiss Manufacturing

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L-A-B Cert Number: L1147.05



**LABORATORY ACCREDITATION BUREAU**  
ISO/IEC 17025 Accredited

Serial Number: P06-05-07-22720  
 Examiner: HeinsohB

Date: März 26, 2007

1. Calibrate 6 mm ball probe and record results:

X: -0.170

Y: -0.059

Z: 222.372

Error: 0.007

Error above should not be more than single point accuracy.

A basic 4 quadrant certification included with all series and comprised of:

2 vertical level single point repeatability test in 4 quadrants with 5 repeats from 4 directions. Level 1 (6" - 18")/(150mm-458mm) Level 3 (35" - 60")/(900mm-1.5m) from center to electro.

Region		Quad.	Level	Filename	Passed
4'-1.2m	10'-3.0m				
6'-1.8m	12'-3.6m				
8'-2.4m					
(A)	(B)	1	1	data1	.007
(A)	(B)	1	3	data2	.013
(A)	(B)	2	1	data3	.009
(A)	(B)	2	3	data4	.010
(A)	(B)	3	1	data5	.010
(A)	(B)	3	3	data6	.011
(A)	(B)	4	1	data7	.010
(A)	(B)	4	3	data8	.013

1.5m step gauge test in 4 quadrants 3 orientations per quadrant.

Position 1: Tangential flat

Position 2: Radial Flat

Position 3: Tangential 45°

Region			Quad	Position	Filename	Complete	Passed
4'-1.2m	8'-2.4m	12'-3.6m					
6'-1.8m	10'-3.0m						
/ (A)	(B)	(C)	1	1	data9		.017
/ (A)	(A)	(C)	1	2	data10		.010
/ (A)	(B)	(B)	2	1	data11		.017
/ (A)	(A)	(C)	2	2	data12		.012
/ (A)	(B)	(C)	3	1	data13		.017
/ (A)	(A)	(C)	3	2	data14		.012
/ (A)	(B)	(B)	4	1	data15		.017
/ (A)	(A)	(C)	4	2	data16		.012
/ (A)	(B)	(C)	4	3	data17		.019
/ (A)	(B)	(C)	3	3	data18		.021
/ (A)	(B)	(C)	2	3	data19		.019
/ (A)	(B)	(C)	1	3	data20		.022

Multiple length, 3 position free ball bar test in 4 quadrants.

Region	Length (mm)				Quad	Position	Filename	Passed
	1.2m	1.8m	2.4m-3.0m	3.6m				
1.2-1.8m							data23	
2.4-3.0m								
3.6m								
(A)(A)(C)	600.	600.	600.	1100.	1	3		-.004
(A)(A)(C)	600	600	600	1100	2	3		-.010
(A)(A)(C)	600	600	600	1100	3	3		-.005
(A)(A)(C)	600	600	600	1100	4	3		.001
(A)(A)(C)	850	1100	1600	2100	1	3		.002
(A)(A)(C)	850	1100	1600	2100	2	3		-.007
(A)(B)(C)	850	1100	1600	2100	3	3		.000
(A)(B)(C)	850	1100	1600	2100	4	3		-.004
(A)(A)(C)	600	600	600	1600	1	1		.012
(A)(A)(C)	600	600	600	1600	3	1		.002
(A)(B)(C)	850	1100	1100	1100	3	1		-.005
(A)(B)(C)	850	1100	1100	1100	1	1		.002
(A)(A)(C)	600	600	600	1600	2	2		.028
(A)(A)(C)	600	600	600	1600	4	2		.028
(A)(A)(C)	850	1100	1100	1100	4	2		.024
(A)(A)(C)	850	1100	1100	1100	2	2		.020

Effective Diameter Performance Test

Test No.	Diameter
1	-.001
2	-.010
3	-.007
Deviation	.010

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.14 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

Maximum X: -0132.867mm  
Minimum X: -0132.879mm  
(Max-Min)/2: +0000.006mm

Maximum Y: +0121.533mm  
Minimum Y: +0121.520mm  
(Max-Min)/2: +0000.007mm

Maximum Z: +0136.764mm  
Minimum Z: +0136.761mm  
(Max-Min)/2: +0000.001mm

Index	Xmm	Ymm	Zmm
1	-0132.878	+0121.524	+0136.761
2	-0132.879	+0121.521	+0136.762
3	-0132.878	+0121.522	+0136.762
4	-0132.877	+0121.520	+0136.761
5	-0132.879	+0121.521	+0136.762
6	-0132.877	+0121.523	+0136.762
7	-0132.877	+0121.522	+0136.761
8	-0132.878	+0121.521	+0136.762
9	-0132.877	+0121.521	+0136.762
10	-0132.878	+0121.520	+0136.762
11	-0132.868	+0121.530	+0136.764
12	-0132.867	+0121.529	+0136.763
13	-0132.867	+0121.533	+0136.763
14	-0132.867	+0121.530	+0136.764
15	-0132.867	+0121.532	+0136.763
16	-0132.868	+0121.531	+0136.764
17	-0132.868	+0121.532	+0136.764
18	-0132.867	+0121.532	+0136.764
19	-0132.867	+0121.533	+0136.763
20	-0132.867	+0121.533	+0136.763



FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.14 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

Maximum X: +0293.879mm  
Minimum X: +0293.853mm  
(Max-Min)/2: +0000.013mm

Maximum Y: +0121.474mm  
Minimum Y: +0121.457mm  
(Max-Min)/2: +0000.008mm

Maximum Z: -0212.920mm  
Minimum Z: -0212.944mm  
(Max-Min)/2: +0000.012mm

Index	Xmm	Ymm	Zmm
1	+0293.868	+0121.473	-0212.921
2	+0293.867	+0121.474	-0212.924
3	+0293.870	+0121.473	-0212.925
4	+0293.870	+0121.471	-0212.923
5	+0293.871	+0121.472	-0212.925
6	+0293.873	+0121.470	-0212.923
7	+0293.874	+0121.470	-0212.923
8	+0293.875	+0121.470	-0212.921
9	+0293.876	+0121.470	-0212.922
10	+0293.879	+0121.470	-0212.920
11	+0293.854	+0121.472	-0212.942
12	+0293.854	+0121.470	-0212.942
13	+0293.853	+0121.466	-0212.944
14	+0293.858	+0121.465	-0212.944
15	+0293.858	+0121.461	-0212.941
16	+0293.862	+0121.459	-0212.939
17	+0293.864	+0121.458	-0212.938
18	+0293.867	+0121.457	-0212.934
19	+0293.867	+0121.458	-0212.932
20	+0293.869	+0121.458	-0212.928

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.13 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

Maximum X: -0500.583mm  
Minimum X: -0500.602mm  
(Max-Min)/2: +0000.009mm

Maximum Y: +0121.813mm  
Minimum Y: +0121.798mm  
(Max-Min)/2: +0000.007mm

Maximum Z: -0538.828mm  
Minimum Z: -0538.844mm  
(Max-Min)/2: +0000.008mm

Index	Xmm	Ymm	Zmm
1	-0500.602	+0121.809	-0538.836
2	-0500.595	+0121.807	-0538.841
3	-0500.591	+0121.803	-0538.839
4	-0500.595	+0121.800	-0538.834
5	-0500.592	+0121.798	-0538.835
6	-0500.593	+0121.798	-0538.833
7	-0500.590	+0121.799	-0538.830
8	-0500.589	+0121.806	-0538.831
9	-0500.590	+0121.805	-0538.828
10	-0500.590	+0121.807	-0538.833
11	-0500.585	+0121.813	-0538.844
12	-0500.584	+0121.810	-0538.843
13	-0500.583	+0121.809	-0538.843
14	-0500.584	+0121.804	-0538.841
15	-0500.587	+0121.799	-0538.839
16	-0500.593	+0121.800	-0538.834
17	-0500.596	+0121.802	-0538.832
18	-0500.601	+0121.806	-0538.830
19	-0500.597	+0121.807	-0538.836
20	-0500.601	+0121.809	-0538.834

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.13 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

Maximum X: -0444.228mm  
Minimum X: -0444.247mm  
(Max-Min)/2: +0000.010mm

Maximum Y: +0121.777mm  
Minimum Y: +0121.760mm  
(Max-Min)/2: +0000.008mm

Maximum Z: -0476.984mm  
Minimum Z: -0476.998mm  
(Max-Min)/2: +0000.007mm

Index	Xmm	Ymm	Zmm
1	-0444.247	+0121.777	-0476.990
2	-0444.245	+0121.776	-0476.996
3	-0444.239	+0121.768	-0476.993
4	-0444.239	+0121.764	-0476.993
5	-0444.236	+0121.761	-0476.992
6	-0444.238	+0121.766	-0476.989
7	-0444.234	+0121.763	-0476.991
8	-0444.233	+0121.765	-0476.988
9	-0444.233	+0121.767	-0476.984
10	-0444.234	+0121.768	-0476.984
11	-0444.232	+0121.774	-0476.998
12	-0444.228	+0121.768	-0476.998
13	-0444.230	+0121.762	-0476.996
14	-0444.232	+0121.760	-0476.992
15	-0444.240	+0121.760	-0476.985
16	-0444.243	+0121.763	-0476.987
17	-0444.245	+0121.767	-0476.984
18	-0444.245	+0121.771	-0476.985
19	-0444.247	+0121.776	-0476.987
20	-0444.244	+0121.774	-0476.991

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.13 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

Maximum X: -0652.395mm  
Minimum X: -0652.410mm  
(Max-Min)/2: +0000.007mm

Maximum Y: +0121.937mm  
Minimum Y: +0121.924mm  
(Max-Min)/2: +0000.007mm

Maximum Z: -0017.277mm  
Minimum Z: -0017.298mm  
(Max-Min)/2: +0000.010mm

Index	Xmm	Ymm	Zmm
1	-0652.410	+0121.935	-0017.288
2	-0652.407	+0121.930	-0017.288
3	-0652.404	+0121.927	-0017.287
4	-0652.402	+0121.926	-0017.287
5	-0652.398	+0121.924	-0017.284
6	-0652.399	+0121.927	-0017.284
7	-0652.397	+0121.926	-0017.286
8	-0652.397	+0121.930	-0017.286
9	-0652.395	+0121.933	-0017.284
10	-0652.397	+0121.932	-0017.285
11	-0652.406	+0121.934	-0017.293
12	-0652.404	+0121.931	-0017.298
13	-0652.401	+0121.928	-0017.295
14	-0652.402	+0121.924	-0017.289
15	-0652.403	+0121.924	-0017.280
16	-0652.403	+0121.926	-0017.279
17	-0652.403	+0121.929	-0017.277
18	-0652.404	+0121.933	-0017.277
19	-0652.405	+0121.937	-0017.282
20	-0652.406	+0121.935	-0017.283

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.12 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

Maximum X: -0661.800mm  
Minimum X: -0661.821mm  
(Max-Min)/2: +0000.011mm

Maximum Y: -0054.116mm  
Minimum Y: -0054.137mm  
(Max-Min)/2: +0000.010mm

Maximum Z: +0636.043mm  
Minimum Z: +0636.031mm  
(Max-Min)/2: +0000.006mm

Index	Xmm	Ymm	Zmm
1	-0661.821	-0054.125	+0636.036
2	-0661.820	-0054.122	+0636.032
3	-0661.817	-0054.135	+0636.031
4	-0661.812	-0054.131	+0636.032
5	-0661.812	-0054.132	+0636.031
6	-0661.811	-0054.137	+0636.033
7	-0661.807	-0054.134	+0636.035
8	-0661.804	-0054.133	+0636.036
9	-0661.800	-0054.131	+0636.040
10	-0661.803	-0054.132	+0636.036
11	-0661.818	-0054.116	+0636.037
12	-0661.821	-0054.117	+0636.032
13	-0661.816	-0054.124	+0636.034
14	-0661.811	-0054.123	+0636.039
15	-0661.815	-0054.125	+0636.037
16	-0661.810	-0054.126	+0636.040
17	-0661.812	-0054.129	+0636.042
18	-0661.810	-0054.128	+0636.041
19	-0661.811	-0054.125	+0636.042
20	-0661.815	-0054.129	+0636.043



FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.12 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

Maximum X: -0037.979mm  
Minimum X: -0038.000mm  
(Max-Min)/2: +0000.010mm

Maximum Y: +0122.000mm  
Minimum Y: +0121.984mm  
(Max-Min)/2: +0000.008mm

Maximum Z: +0651.974mm  
Minimum Z: +0651.957mm  
(Max-Min)/2: +0000.009mm

Index	Xmm	Ymm	Zmm
1	-0037.982	+0121.997	+0651.971
2	-0037.988	+0121.992	+0651.972
3	-0037.990	+0121.990	+0651.971
4	-0037.988	+0121.986	+0651.965
5	-0037.985	+0121.988	+0651.963
6	-0037.984	+0121.988	+0651.964
7	-0037.982	+0121.986	+0651.961
8	-0037.986	+0121.989	+0651.961
9	-0037.982	+0121.990	+0651.958
10	-0037.985	+0121.993	+0651.957
11	-0038.000	+0121.997	+0651.969
12	-0037.999	+0121.996	+0651.968
13	-0037.998	+0121.993	+0651.968
14	-0037.997	+0121.984	+0651.966
15	-0037.993	+0121.984	+0651.966
16	-0037.984	+0121.986	+0651.970
17	-0037.980	+0121.987	+0651.969
18	-0037.979	+0121.993	+0651.970
19	-0037.984	+0121.996	+0651.972
20	-0037.985	+0122.000	+0651.974

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.13 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

Maximum X: +0614.719mm  
Minimum X: +0614.703mm  
(Max-Min)/2: +0000.008mm

Maximum Y: -0054.256mm  
Minimum Y: -0054.282mm  
(Max-Min)/2: +0000.013mm

Maximum Z: +0680.655mm  
Minimum Z: +0680.636mm  
(Max-Min)/2: +0000.009mm

Index	Xmm	Ymm	Zmm
1	+0614.707	-0054.262	+0680.654
2	+0614.704	-0054.271	+0680.653
3	+0614.703	-0054.274	+0680.647
4	+0614.710	-0054.277	+0680.644
5	+0614.706	-0054.279	+0680.641
6	+0614.709	-0054.282	+0680.641
7	+0614.712	-0054.275	+0680.637
8	+0614.713	-0054.268	+0680.636
9	+0614.711	-0054.269	+0680.638
10	+0614.710	-0054.268	+0680.645
11	+0614.710	-0054.256	+0680.655
12	+0614.710	-0054.260	+0680.651
13	+0614.710	-0054.267	+0680.649
14	+0614.713	-0054.267	+0680.648
15	+0614.713	-0054.266	+0680.646
16	+0614.713	-0054.269	+0680.647
17	+0614.719	-0054.271	+0680.643
18	+0614.716	-0054.265	+0680.651
19	+0614.717	-0054.271	+0680.646
20	+0614.706	-0054.271	+0680.655

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.40 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.017mm

Index	Xmm	Accumulated Error
1	+0000.000	+0000.000
2	+0079.997	-0000.003
3	+0159.998	-0000.002
4	+0239.995	-0000.005
5	+0319.983	-0000.017
6	+0399.982	-0000.018
7	+0479.982	-0000.018
8	+0559.977	-0000.023
9	+0639.977	-0000.023
10	+0719.975	-0000.025
11	+0800.009	+0000.009
12	+0880.007	+0000.007
13	+0960.002	+0000.002
14	+1040.002	+0000.002
15	+1120.001	+0000.001
16	+1199.999	-0000.001
17	+1280.001	+0000.001
18	+1360.000	-0000.000
19	+1439.995	-0000.005
20	+1499.998	-0000.002

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.48 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.010mm

Index	Xmm	Accumulated Error
1	+0959.995	-0000.005
2	+0899.994	-0000.006
3	+0839.993	-0000.007
4	+0779.992	-0000.008
5	+0719.991	-0000.009
6	+0659.993	-0000.007
7	+0599.994	-0000.006
8	+0539.993	-0000.007
9	+0479.994	-0000.006
10	+0419.996	-0000.004
11	+0359.998	-0000.002
12	+0300.001	+0000.001
13	+0240.003	+0000.003
14	+0180.005	+0000.005
15	+0120.009	+0000.009
16	+0060.007	+0000.007
17	+0000.012	+0000.012
18	+0060.006	+0000.006
19	+0120.006	+0000.006
20	+0180.000	+0000.000

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.39 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.017mm

Index	Xmm	Accumulated Error
1	+0000.013	+0000.013
2	+0080.012	+0000.012
3	+0160.005	+0000.005
4	+0240.001	+0000.001
5	+0319.994	-0000.006
6	+0399.988	-0000.012
7	+0479.986	-0000.014
8	+0559.982	-0000.018
9	+0639.984	-0000.016
10	+0719.980	-0000.020
11	+0800.014	+0000.014
12	+0880.012	+0000.012
13	+0960.007	+0000.007
14	+1040.011	+0000.011
15	+1120.008	+0000.008
16	+1200.010	+0000.010
17	+1280.001	+0000.001
18	+1360.005	+0000.005
19	+1440.003	+0000.003
20	+1500.004	+0000.004



FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.50 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.012mm

Index	Xmm	Accumulated Error
1	+0959.987	-0000.013
2	+0899.990	-0000.010
3	+0839.990	-0000.010
4	+0779.989	-0000.011
5	+0719.982	-0000.018
6	+0659.991	-0000.009
7	+0599.988	-0000.012
8	+0539.992	-0000.008
9	+0479.987	-0000.013
10	+0419.993	-0000.007
11	+0359.993	-0000.007
12	+0299.993	-0000.007
13	+0239.997	-0000.003
14	+0180.005	+0000.005
15	+0119.997	-0000.003
16	+0060.003	+0000.003
17	+0000.004	+0000.004
18	+0060.002	+0000.002
19	+0119.994	-0000.006
20	+0179.994	-0000.006

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.36 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.017mm

Index	Xmm	Accumulated Error
1	+0000.022	+0000.022
2	+0080.024	+0000.024
3	+0160.010	+0000.010
4	+0240.018	+0000.018
5	+0320.012	+0000.012
6	+0400.012	+0000.012
7	+0480.004	+0000.004
8	+0560.004	+0000.004
9	+0640.003	+0000.003
10	+0720.000	-0000.000
11	+0800.033	+0000.033
12	+0880.032	+0000.032
13	+0960.031	+0000.031
14	+1040.032	+0000.032
15	+1120.024	+0000.024
16	+1200.026	+0000.026
17	+1280.025	+0000.025
18	+1360.028	+0000.028
19	+1440.026	+0000.026
20	+1500.025	+0000.025

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.59 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.012mm

Index	Xmm	Accumulated Error
1	+0959.987	-0000.013
2	+0899.985	-0000.015
3	+0839.985	-0000.015
4	+0779.982	-0000.018
5	+0719.981	-0000.019
6	+0659.984	-0000.016
7	+0599.985	-0000.015
8	+0539.988	-0000.012
9	+0479.985	-0000.015
10	+0419.993	-0000.007
11	+0359.992	-0000.008
12	+0299.997	-0000.003
13	+0239.996	-0000.004
14	+0180.001	+0000.001
15	+0119.999	-0000.001
16	+0059.998	-0000.002
17	+0000.004	+0000.004
18	+0059.994	-0000.006
19	+0120.001	+0000.001
20	+0179.991	-0000.009

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.35 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.017mm

Index	Xmm	Accumulated Error
1	+0000.010	+0000.010
2	+0080.007	+0000.007
3	+0160.004	+0000.004
4	+0240.005	+0000.005
5	+0319.998	-0000.002
6	+0399.998	-0000.002
7	+0479.990	-0000.010
8	+0559.991	-0000.009
9	+0639.990	-0000.010
10	+0719.988	-0000.012
11	+0800.021	+0000.021
12	+0880.012	+0000.012
13	+0960.010	+0000.010
14	+1040.012	+0000.012
15	+1120.008	+0000.008
16	+1200.009	+0000.009
17	+1280.006	+0000.006
18	+1360.006	+0000.006
19	+1440.002	+0000.002
20	+1500.003	+0000.003

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.61 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.012mm

Index	Xmm	Accumulated Error
1	+0959.988	-0000.012
2	+0899.991	-0000.009
3	+0839.989	-0000.011
4	+0779.990	-0000.010
5	+0719.990	-0000.010
6	+0659.990	-0000.010
7	+0599.990	-0000.010
8	+0539.992	-0000.008
9	+0479.993	-0000.007
10	+0419.995	-0000.005
11	+0359.997	-0000.003
12	+0300.001	+0000.001
13	+0240.001	+0000.001
14	+0180.007	+0000.007
15	+0120.003	+0000.003
16	+0060.007	+0000.007
17	+0000.011	+0000.011
18	+0059.999	-0000.001
19	+0120.007	+0000.007
20	+0179.994	-0000.006



FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.20 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.019mm

Index	Xmm	Accumulated Error
1	+1499.988	-0000.012
2	+1439.985	-0000.015
3	+1359.985	-0000.015
4	+1279.989	-0000.011
5	+1199.993	-0000.007
6	+1119.989	-0000.011
7	+1039.982	-0000.018
8	+0959.978	-0000.022
9	+0879.972	-0000.028
10	+0799.973	-0000.027
11	+0719.972	-0000.028
12	+0639.974	-0000.026
13	+0559.978	-0000.022
14	+0479.987	-0000.013
15	+0400.002	+0000.002
16	+0319.998	-0000.002
17	+0240.010	+0000.010
18	+0160.008	+0000.008
19	+0080.004	+0000.004
20	+0000.005	+0000.005

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.15 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.019mm

Index	Xmm	Accumulated Error
1	+1499.994	-0000.006
2	+1439.994	-0000.006
3	+1359.995	-0000.005
4	+1279.996	-0000.004
5	+1199.998	-0000.002
6	+1119.997	-0000.003
7	+1039.993	-0000.007
8	+0959.978	-0000.022
9	+0879.977	-0000.023
10	+0799.970	-0000.030
11	+0719.974	-0000.026
12	+0639.975	-0000.025
13	+0559.982	-0000.018
14	+0479.996	-0000.004
15	+0400.000	-0000.000
16	+0320.001	+0000.001
17	+0240.008	+0000.008
18	+0159.996	-0000.004
19	+0080.007	+0000.007
20	+0000.008	+0000.008

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.18 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.021mm

Index	Xmm	Accumulated Error
1	+1499.991	-0000.009
2	+1439.989	-0000.011
3	+1359.995	-0000.005
4	+1279.994	-0000.006
5	+1199.995	-0000.005
6	+1119.992	-0000.008
7	+1039.985	-0000.015
8	+0959.984	-0000.016
9	+0879.982	-0000.018
10	+0799.975	-0000.025
11	+0719.974	-0000.026
12	+0639.983	-0000.017
13	+0559.987	-0000.013
14	+0479.999	-0000.001
15	+0400.007	+0000.007
16	+0320.006	+0000.006
17	+0240.017	+0000.017
18	+0160.008	+0000.008
19	+0080.007	+0000.007
20	+0000.004	+0000.004

FaroARM Serial Number: P06-05-07-22720  
Firmware Version: 155  
Arm Temperature: 27.23 (deg C)  
Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
Tip Calibration Error: +00.0068mm  
Date of Test: March 26, 2007  
Number of Points Taken: 20

(Max-Min)/2: +0000.022mm

Index	Xmm	Accumulated Error
1	+1499.988	-0000.012
2	+1439.991	-0000.009
3	+1359.994	-0000.006
4	+1279.989	-0000.011
5	+1199.994	-0000.006
6	+1119.992	-0000.008
7	+1039.984	-0000.016
8	+0959.980	-0000.020
9	+0879.972	-0000.028
10	+0799.972	-0000.028
11	+0719.965	-0000.035
12	+0639.971	-0000.029
13	+0559.978	-0000.022
14	+0479.984	-0000.016
15	+0399.995	-0000.005
16	+0319.994	-0000.006
17	+0240.005	+0000.005
18	+0160.004	+0000.004
19	+0080.010	+0000.010
20	+0000.006	+0000.006

aroARM Serial Number: P06-05-07-22720  
 Firmware Version: 155  
 Arm Temperature: 27.65 (deg C)  
 Tip: Ball Probe X:-000.170 Y:-000.059 Z:+222.372  
 Tip Calibration Error: +00.0068mm  
 Date of Test: March 26, 2007

Test:	Error:	Measured:	Actual:	X1:	Y1:	Z1:	R1:	X2:
1	00.004	+0600.036	+0600.041	+0577.589	+0025.971	-0413.003	+0015.703	+0573.699
2	00.010	+0600.031	+0600.041	-0427.997	+0026.060	-0567.333	+0015.699	+0035.942
3	00.005	+0600.036	+0600.041	-0573.825	+0026.314	+0421.635	+0015.697	-0575.255
4	00.001	+0600.042	+0600.041	+0363.641	+0026.245	+0611.652	+0015.698	-0098.326
5	00.002	+1100.083	+1100.081	+0577.617	+0026.002	-0413.058	+0015.703	+0571.058
6	00.007	+1100.075	+1100.081	-0307.419	+0026.005	-0640.606	+0015.702	+0528.786
7	00.000	+1100.081	+1100.081	-0603.996	+0026.325	+0377.254	+0015.702	-0543.080
8	00.004	+1100.077	+1100.081	+0369.718	+0026.261	+0608.059	+0015.701	-0477.727
9	00.012	+0600.053	+0600.041	+0518.180	+0275.402	+0382.267	+0015.698	+0617.202
10	00.002	+0600.043	+0600.041	-0562.374	+0275.258	-0313.872	+0015.702	-0587.706
11	00.005	+1100.076	+1100.081	-0608.099	+0284.542	+0785.953	+0015.690	-0562.442
12	00.002	+1100.083	+1100.081	+0699.098	+0284.045	-0703.349	+0015.690	+0518.303
13	00.028	+0600.069	+0600.041	+0087.554	+0279.860	-0517.248	+0015.697	-0393.522
14	00.028	+0600.069	+0600.041	-0085.970	+0280.111	+0518.660	+0015.697	+0393.901
15	00.024	+1100.105	+1100.082	+0397.027	+0284.142	+0156.048	+0015.694	-0483.223
16	00.020	+1100.102	+1100.082	-0397.532	+0284.240	-0155.625	+0015.691	+0484.946