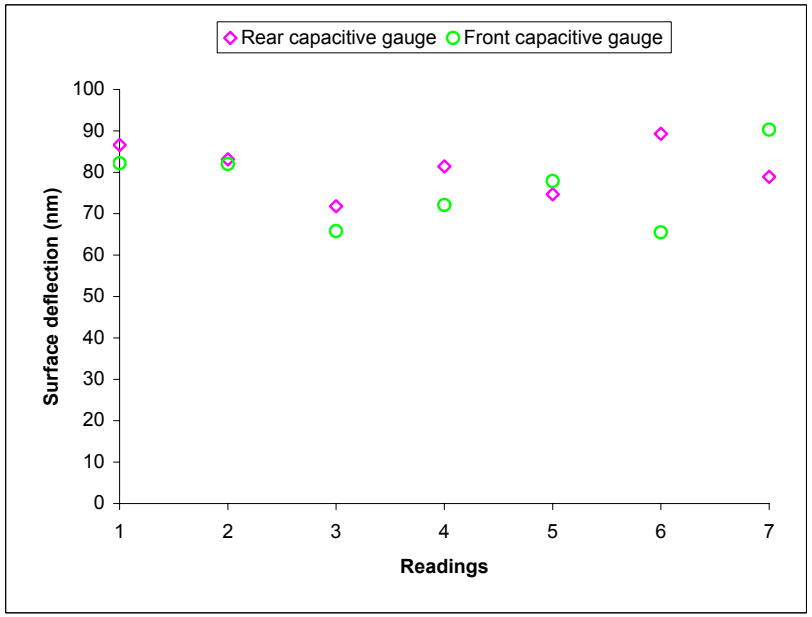
DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S1C* SURFACE USING 15g DEAD-WEIGHT

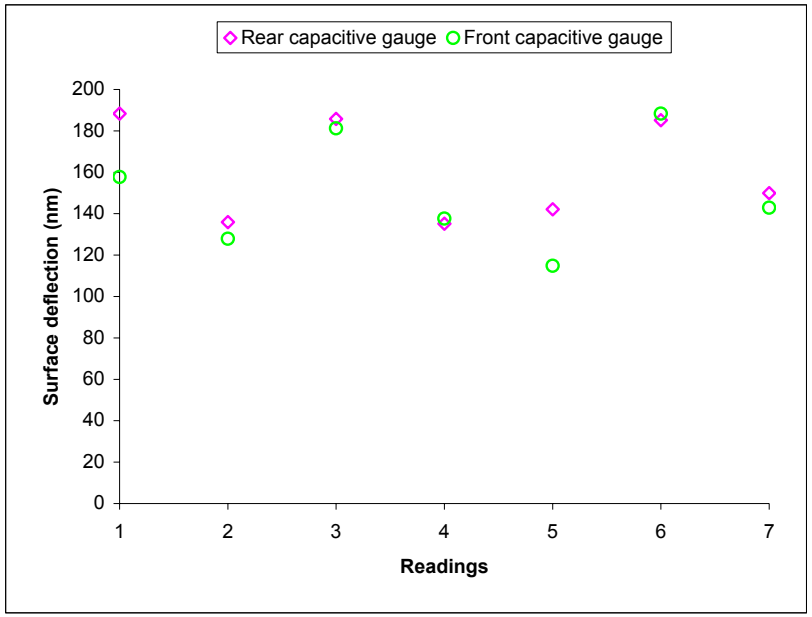
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.29596	1.34208	6.44103	6.43544	6.37641	6.37143	12.752	86.6	82.2	84.4
2	1.29249	1.34162	6.58243	6.57707	6.50561	6.50064	13.584	83.1	82.0	82.6
3	1.28927	1.33929	6.73020	6.72557	6.64270	6.63871	13.831	71.8	65.8	68.8
4	1.29593	1.34455	6.92763	6.92238	6.82412	6.81975	13.443	81.4	72.1	76.8
5	1.29128	1.33596	6.89944	6.89462	6.79624	6.79152	12.354	74.7	77.9	76.3
6	1.29533	1.34126	7.02701	7.02125	6.91744	6.91347	12.700	89.3	65.5	77.4
7	1.29478	1.33933	6.80313	6.79804	6.71462	6.70915	12.318	78.9	90.3	84.6
								80.8	**76.5**	



RESULTS			
12.997	*Ave. change of load*	*Ave. resultant deflec.*	**78.7**
		and its standard devia.	**5.6**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S1C* SURFACE USING 35g DEAD-WEIGHT

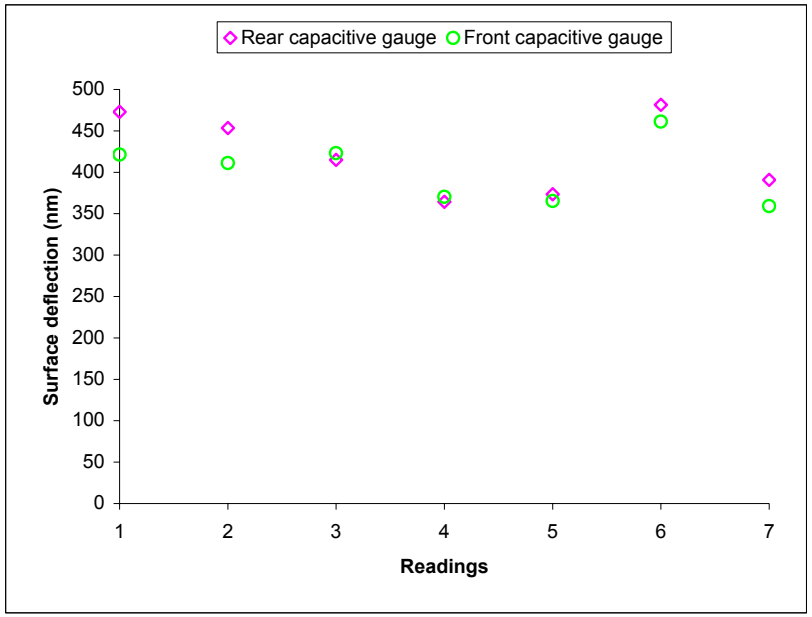
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.28725	1.39923	6.48160	6.46945	6.39987	6.39031	30.963	188.3	157.7	173.0
2	1.29387	1.40449	6.46850	6.45973	6.38763	6.37988	30.587	135.9	127.9	131.9
3	1.29073	1.39518	6.44411	6.43212	6.36465	6.35367	28.881	185.8	181.2	183.5
4	1.29659	1.40534	6.55162	6.54290	6.46286	6.45452	30.069	135.2	137.6	136.4
5	1.29572	1.40502	6.78809	6.77892	6.68414	6.67718	30.222	142.1	114.8	128.5
6	1.29342	1.40506	6.47572	6.46377	6.39171	6.38030	30.869	185.2	188.3	186.8
7	1.29215	1.40364	6.73421	6.72454	6.63023	6.62157	30.827	149.9	142.9	146.4
								160.3	**150.1**	



RESULTS			
30.345	*Ave. change of load*	*Ave. resultant deflec.*	**155.2**
		and its standard devia.	**25.2**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S1C* SURFACE USING 55g DEAD-WEIGHT

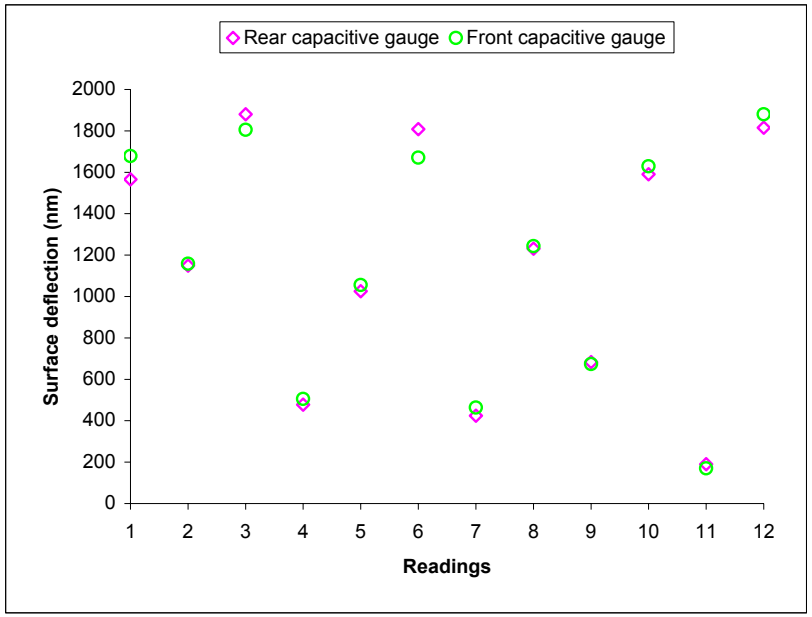
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.35558	1.53951	6.95220	6.92169	6.83747	6.81193	50.857	472.9	421.4	447.2
2	1.35556	1.54126	6.67831	6.64905	6.58321	6.55829	51.346	453.5	411.2	432.4
3	1.35744	1.53050	6.50437	6.47760	6.42281	6.39716	47.851	414.9	423.2	419.1
4	1.35687	1.54507	6.66807	6.64457	6.57804	6.55559	52.038	364.3	370.4	367.4
5	1.35528	1.54464	6.90668	6.88258	6.80133	6.77919	52.358	373.5	365.3	369.4
6	1.35300	1.52389	6.81551	6.78445	6.70786	6.67991	47.251	481.4	461.2	471.3
7	1.35664	1.54753	6.50286	6.47765	6.43626	6.41449	52.781	390.8	359.2	375.0
								421.6	**401.7**	



RESULTS			
50.640	*Ave. change of load*	*Ave. resultant deflec.*	**411.7**
		and its standard devia.	**41.6**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S1D* SURFACE USING 15g DEAD-WEIGHT

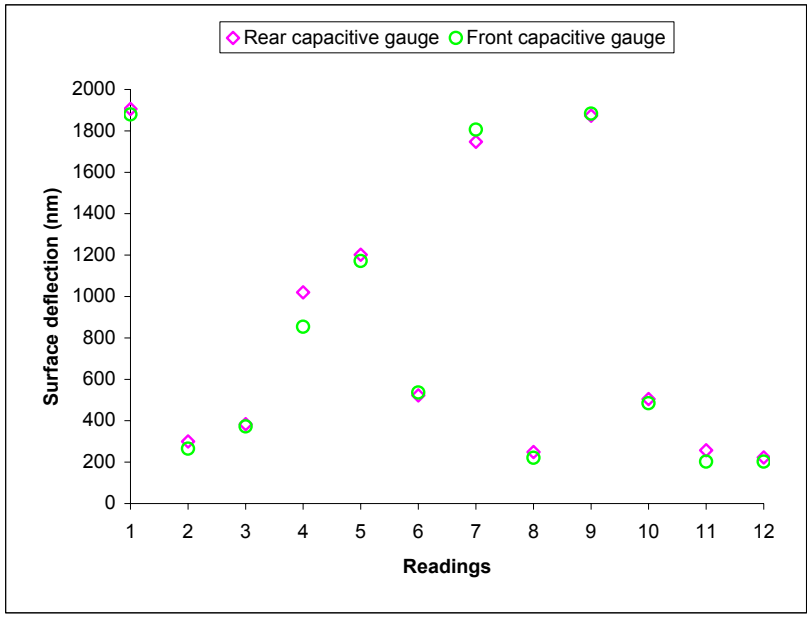
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.29349	1.34863	6.50736	6.40635	6.43694	6.33520	15.246	1565.7	1678.7	1622.2
2	1.29474	1.34221	6.71893	6.64477	6.63215	6.56196	13.126	1149.5	1158.1	1153.8
3	1.29337	1.34475	6.62644	6.50514	6.54559	6.43618	14.207	1880.2	1805.3	1842.8
4	1.29223	1.34684	6.41674	6.38593	6.33310	6.30249	15.100	477.6	505.1	491.4
5	1.29083	1.33725	6.25204	6.18588	6.18703	6.12305	12.835	1025.5	1055.7	1040.6
6	1.30261	1.34054	6.53781	6.42112	6.45015	6.34891	10.488	1808.7	1670.5	1739.6
7	1.29004	1.33147	6.10763	6.08026	6.06403	6.03592	11.455	424.2	463.8	444.0
8	1.31739	1.35284	6.43638	6.35695	6.34210	6.26673	9.802	1231.2	1243.6	1237.4
9	1.31698	1.34696	6.21359	6.16953	6.13306	6.09220	8.290	682.9	674.2	678.6
10	1.31766	1.35646	6.31545	6.21284	6.22646	6.12775	10.728	1590.5	1628.7	1609.6
11	1.31780	1.35611	6.72077	6.70852	6.60638	6.59609	10.593	189.9	169.8	179.9
12	1.32185	1.35276	6.68557	6.56847	6.58222	6.46827	8.547	1815.1	1880.2	1847.7
								1153.4	**1161.1**	



RESULTS			
11.701	*Ave. change of load*	*Ave. resultant deflec.*	**1157.3**
		and its standard devia.	**592.6**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S1D* SURFACE USING 35g DEAD-WEIGHT

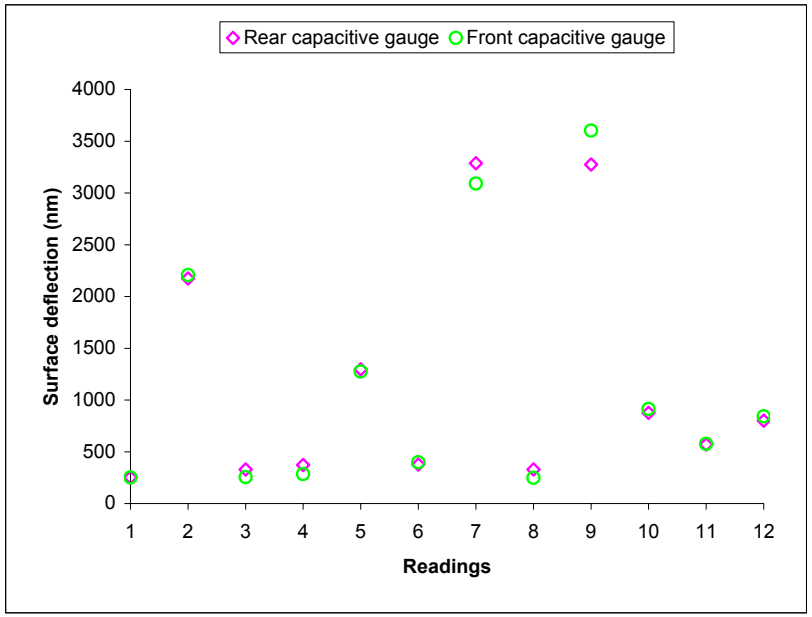
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.33960	1.45718	6.44161	6.31864	6.35741	6.24350	32.511	1906.0	1879.5	1892.8
2	1.33939	1.45685	6.53279	6.51347	6.44340	6.42736	32.478	299.5	264.7	282.1
3	1.29188	1.41283	6.50824	6.48353	6.44481	6.42225	33.443	383.0	372.2	377.6
4	1.34086	1.45914	6.56116	6.49536	6.46552	6.41375	32.705	1019.9	854.2	937.1
5	1.33949	1.46006	6.45647	6.37895	6.36810	6.29712	33.338	1201.6	1171.2	1186.4
6	1.34105	1.45687	6.28862	6.25490	6.21095	6.17843	32.024	522.7	536.6	529.7
7	1.33890	1.44850	6.24287	6.13013	6.17286	6.06340	30.305	1747.5	1806.1	1776.8
8	1.29252	1.40205	6.11511	6.09908	6.06531	6.05193	30.285	248.5	220.8	234.7
9	1.29019	1.40267	6.21565	6.09478	6.15814	6.04400	31.101	1873.5	1883.3	1878.4
10	1.29228	1.40225	6.38554	6.35297	6.31651	6.28713	30.407	504.8	484.8	494.8
11	1.29158	1.40886	6.52208	6.50549	6.44987	6.43761	32.428	257.1	202.3	229.7
12	1.29104	1.41358	6.62589	6.61151	6.54636	6.53407	33.882	222.9	202.8	212.9
								848.9	**823.2**	



RESULTS			
32.076	*Ave. change of load*	*Ave. resultant deflec.*	**836.1**
		and its standard devia.	**678.6**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S1D* SURFACE USING 55g DEAD-WEIGHT

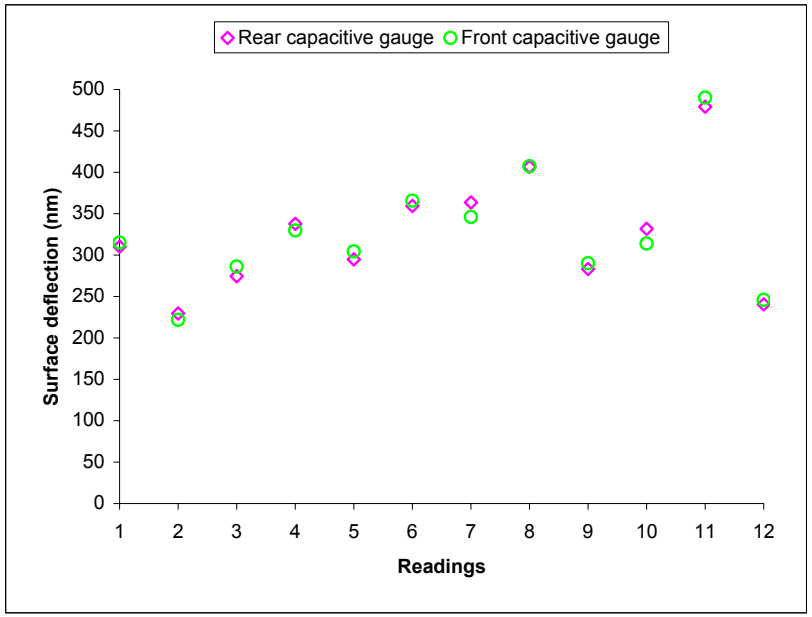
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.29317	1.48506	6.23051	6.21421	6.17204	6.15679	53.058	252.7	251.6	252.2
2	1.29234	1.48627	6.25965	6.11936	6.19952	6.06580	53.622	2174.5	2206.4	2190.5
3	1.29431	1.49119	6.45693	6.43569	6.39651	6.38103	54.438	329.2	255.4	292.3
4	1.28893	1.48975	6.53783	6.51377	6.46778	6.45050	55.527	372.9	285.1	329.0
5	1.28975	1.48567	6.11289	6.02918	6.06319	5.98593	54.172	1297.5	1274.8	1286.2
6	1.29143	1.48541	6.15713	6.13279	6.11118	6.08705	53.636	377.3	398.1	387.7
7	1.28928	1.48498	7.10681	6.89470	6.99447	6.80710	54.111	3287.7	3091.6	3189.7
8	1.29429	1.48727	6.53393	6.51268	6.46516	6.45005	53.359	329.4	249.3	289.4
9	1.28934	1.48737	7.12887	6.91759	7.01777	6.79941	54.756	3274.8	3602.9	3438.9
10	1.28599	1.47777	6.28681	6.23023	6.21949	6.16417	53.027	877.0	912.8	894.9
11	1.29131	1.47744	6.14342	6.10665	6.08761	6.05264	51.465	569.9	577.0	573.5
12	1.28972	1.48231	6.08413	6.03247	6.04071	5.98966	53.251	800.7	842.3	821.5
								1162.0	**1162.3**	



RESULTS			
53.702	*Ave. change of load*	*Ave. resultant deflec.*	**1162.1**
		and its standard devia.	**1149.8**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S2C* SURFACE USING 15g DEAD-WEIGHT

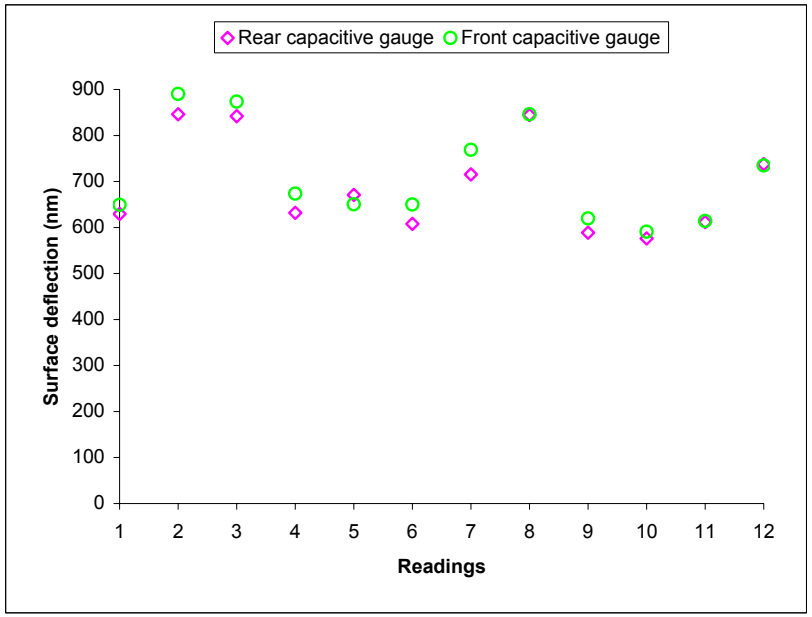
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.47895	1.52854	7.37506	7.35504	7.07723	7.05813	13.712	310.3	315.1	312.7
2	1.47986	1.52896	7.50496	7.49015	7.19539	7.18195	13.576	229.6	221.8	225.7
3	1.47978	1.52869	7.79895	7.78124	7.46584	7.44850	13.524	274.5	286.1	280.3
4	1.47797	1.53053	7.57246	7.55067	7.34661	7.32663	14.533	337.7	329.7	333.7
5	1.48983	1.54655	6.68885	6.66983	6.54636	6.52791	15.683	294.8	304.4	299.6
6	1.49462	1.53555	6.61930	6.59612	6.53654	6.51437	11.317	359.3	365.8	362.6
7	1.49544	1.53939	7.42157	7.39811	7.22164	7.20067	12.152	363.6	346.0	354.8
8	1.49405	1.53591	6.55480	6.52856	6.45307	6.42839	11.574	406.7	407.2	407.0
9	1.49335	1.53341	7.13910	7.12082	6.99209	6.97450	11.077	283.3	290.2	286.8
10	1.49532	1.54063	7.60050	7.57910	7.41456	7.39553	12.528	331.7	314.0	322.9
11	1.49397	1.53031	7.40331	7.37240	7.24577	7.21606	10.048	479.1	490.2	484.7
12	1.49463	1.53634	6.34037	6.32485	6.28438	6.26947	11.533	240.6	246.0	243.3
								325.9	**326.4**	



RESULTS			
12.605	*Ave. change of load*	*Ave. resultant deflec.*	**326.2**
		and its standard devia.	**70.9**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S2C* SURFACE USING 35g DEAD-WEIGHT

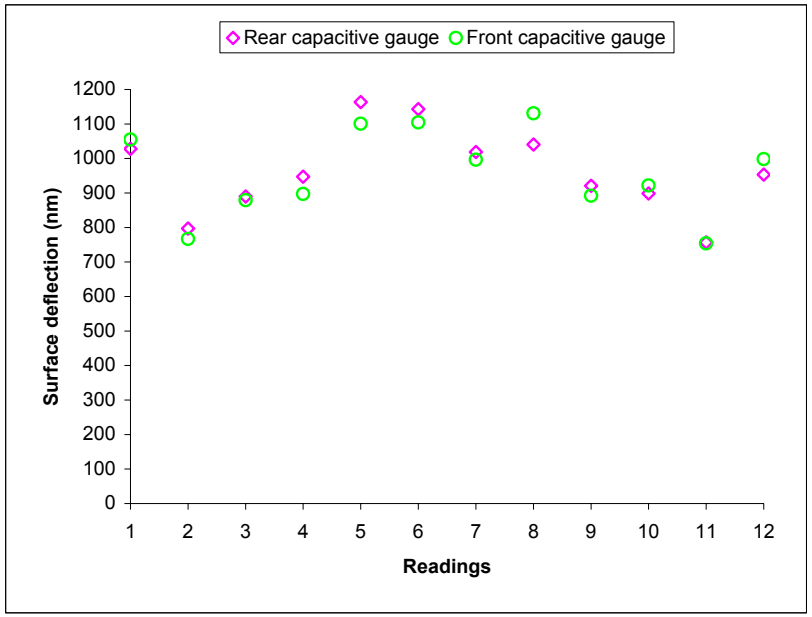
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.49291	1.61182	7.41489	7.37427	7.22321	7.18385	32.879	629.6	649.4	639.5
2	1.49408	1.61487	6.99321	6.93862	6.83237	6.77841	33.399	846.1	890.3	868.2
3	1.49545	1.61033	6.73171	6.67740	6.59151	6.53856	31.764	841.8	873.7	857.8
4	1.49379	1.61498	7.55885	7.51809	7.36087	7.32004	33.509	631.8	673.7	652.8
5	1.49844	1.62536	6.94773	6.90444	6.78564	6.74622	35.094	671.0	650.4	660.7
6	1.49851	1.62470	6.72406	6.68485	6.59173	6.55234	34.892	607.8	649.9	628.9
7	1.49912	1.62286	6.35858	6.31242	6.25490	6.20830	34.214	715.5	768.9	742.2
8	1.49688	1.62369	7.13314	7.07867	6.90438	6.85311	35.063	844.3	846.0	845.2
9	1.49963	1.62715	6.59214	6.55416	6.39766	6.36010	35.259	588.7	619.7	604.2
10	1.49788	1.62713	6.65036	6.61317	6.45026	6.41444	35.738	576.4	591.0	583.7
11	1.50090	1.62967	6.45564	6.41618	6.33086	6.29365	35.605	611.6	614.0	612.8
12	1.50039	1.62985	6.82314	6.77556	6.60777	6.56323	35.796	737.5	734.9	736.2
								691.8	**713.5**	



RESULTS			
34.434	*Ave. change of load*	*Ave. resultant deflec.*	**702.7**
		and its standard devia.	**104.5**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S2C* SURFACE USING 55g DEAD-WEIGHT

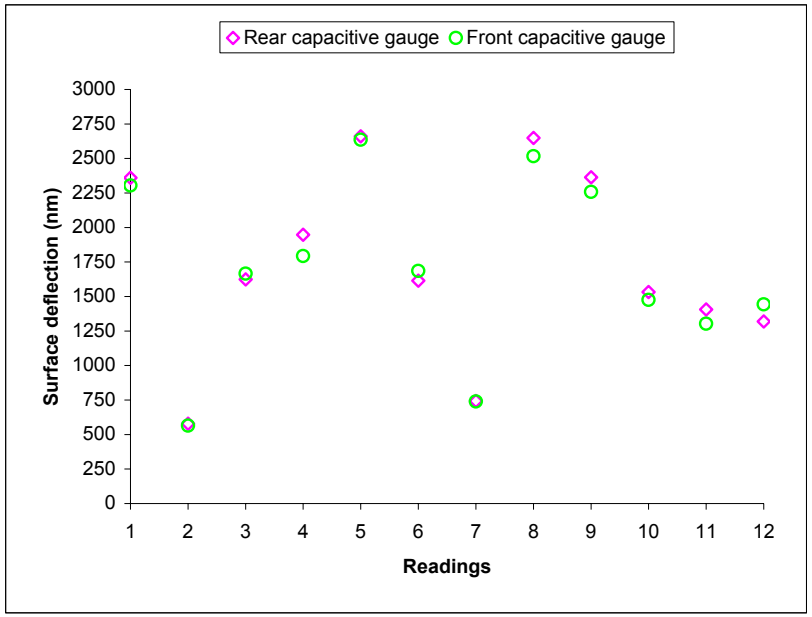
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.49993	1.70093	7.57768	7.51137	7.37183	7.30789	55.577	1027.8	1055.0	1041.4
2	1.50384	1.70357	7.64700	7.59557	7.43288	7.38640	55.226	797.2	766.9	782.1
3	1.49962	1.70077	7.98413	7.92672	7.74113	7.68784	55.618	889.9	879.3	884.6
4	1.50260	1.70218	6.47177	6.41064	6.39293	6.33855	55.184	947.5	897.3	922.4
5	1.50099	1.70660	6.90041	6.82535	6.78841	6.72168	56.851	1163.4	1101.0	1132.2
6	1.50194	1.70103	6.98794	6.91420	6.86634	6.79939	55.049	1143.0	1104.7	1123.9
7	1.50368	1.69855	7.13341	7.06770	7.00041	6.94002	53.882	1018.5	996.4	1007.5
8	1.50276	1.70102	7.01768	6.95056	6.88996	6.82142	54.819	1040.4	1130.9	1085.7
9	1.50653	1.69921	6.41841	6.35900	6.33997	6.28591	53.276	920.9	892.0	906.5
10	1.50437	1.69661	7.37722	7.31926	7.15231	7.09643	53.155	898.4	922.0	910.2
11	1.50805	1.70972	6.60656	6.55775	6.45681	6.41112	55.762	756.6	753.9	755.3
12	1.50708	1.70784	6.90016	6.83867	6.67473	6.61424	55.510	953.1	998.1	975.6
								963.1	**958.1**	



RESULTS			
54.992	*Ave. change of load*	*Ave. resultant deflec.*	**960.6**
		and its standard devia.	**123.4**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S2D* SURFACE USING 15g DEAD-WEIGHT

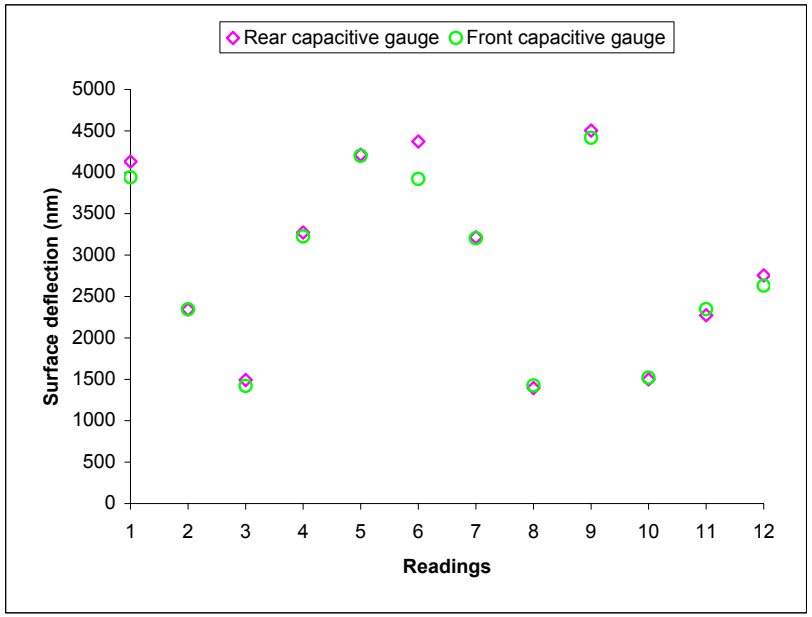
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.43577	1.46791	6.85967	6.70742	6.77247	6.63282	8.887	2359.9	2304.2	2332.1
2	1.43808	1.48549	6.93129	6.89399	6.72945	6.69523	13.109	578.2	564.6	571.4
3	1.43771	1.48563	7.31983	7.21509	7.08799	6.98702	13.250	1623.5	1666.0	1644.8
4	1.43749	1.47588	6.99082	6.86521	6.90240	6.79371	10.615	1947.0	1793.4	1870.2
5	1.43715	1.48305	6.96813	6.79647	6.85945	6.69966	12.691	2660.7	2636.5	2648.6
6	1.43847	1.48232	7.33461	7.23043	7.19532	7.09316	12.125	1614.8	1685.6	1650.2
7	1.43717	1.47674	7.54956	7.50164	7.39211	7.34727	10.941	742.8	739.9	741.4
8	1.43501	1.46937	7.19319	7.02229	7.06150	6.90895	9.501	2649.0	2517.1	2583.1
9	1.43655	1.47238	7.56942	7.41696	7.40832	7.27148	9.907	2363.1	2257.9	2310.5
10	1.43754	1.47563	7.19744	7.09857	7.07038	6.98097	10.532	1532.5	1475.3	1503.9
11	1.43623	1.47498	7.18831	7.09758	7.06458	6.98564	10.714	1406.3	1302.5	1354.4
12	1.43721	1.47520	7.20721	7.12213	7.08415	6.99669	10.504	1318.7	1443.1	1380.9
								1733.0	**1698.8**	



RESULTS			
11.065	*Ave. change of load*	*Ave. resultant deflec.*	**1715.9**
		and its standard devia.	**669.9**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S2D* SURFACE USING 35g DEAD-WEIGHT

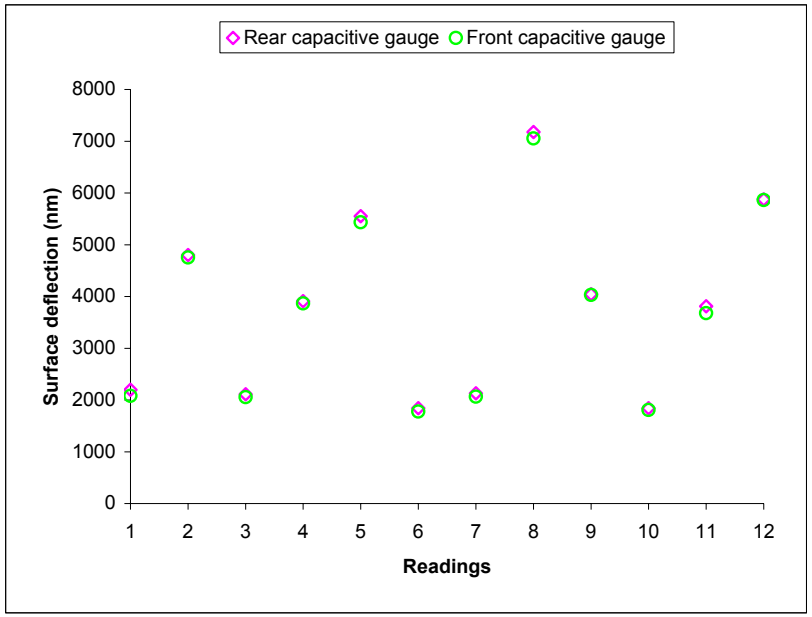
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.39406	1.50836	7.20278	6.93644	7.08071	6.84201	31.604	4128.3	3938.6	4033.5
2	1.40700	1.52539	7.28950	7.13826	7.10999	6.96786	32.735	2344.2	2345.1	2344.7
3	1.40323	1.52309	6.79007	6.69390	6.60849	6.52243	33.141	1490.6	1420.0	1455.3
4	1.39424	1.51468	7.34279	7.13167	7.20652	7.01105	33.302	3272.4	3225.3	3248.9
5	1.40403	1.52142	7.25471	6.98297	7.03312	6.77865	32.458	4212.0	4198.8	4205.4
6	1.40281	1.52196	7.13840	6.85630	6.96891	6.73128	32.945	4372.6	3920.9	4146.8
7	1.39520	1.51113	7.60726	7.39983	7.44994	7.25578	32.055	3215.2	3203.6	3209.4
8	1.40603	1.51777	7.13842	7.04844	6.93314	6.84669	30.896	1394.7	1426.4	1410.6
9	1.39597	1.51517	7.95410	7.66353	7.76872	7.50105	32.959	4503.8	4416.6	4460.2
10	1.39991	1.50857	7.66245	7.56570	7.50182	7.40965	30.045	1499.6	1520.8	1510.2
11	1.39246	1.50521	7.08049	6.93378	6.96747	6.82517	31.175	2274.0	2347.9	2311.0
12	1.39540	1.50735	7.21839	7.04069	7.09479	6.93534	30.954	2754.4	2630.9	2692.7
								2955.2	**2882.9**	



RESULTS			
32.022	*Ave. change of load*	*Ave. resultant deflec.*	**2919.0**
		and its standard devia.	**1133.2**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *S2D* SURFACE USING 55g DEAD-WEIGHT

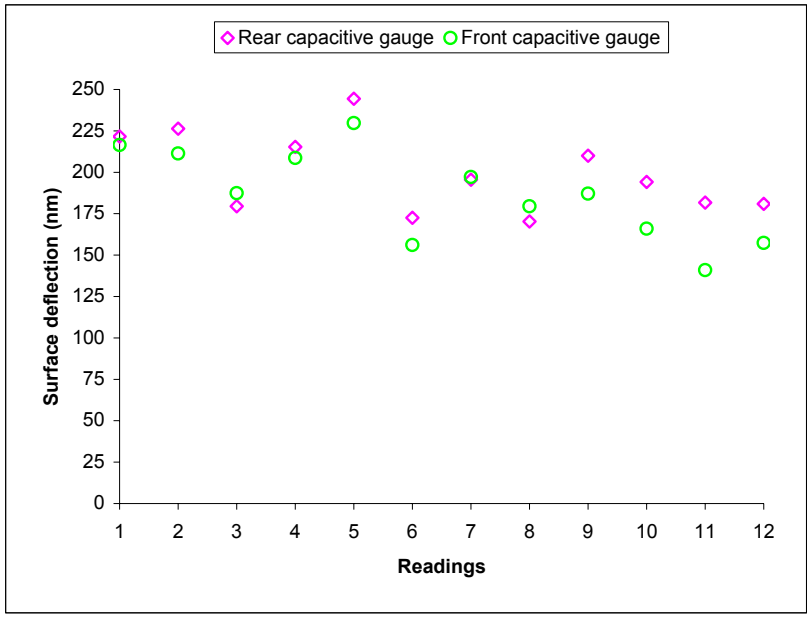
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.39507	1.57917	7.48616	7.34433	7.34811	7.22200	50.904	2198.4	2080.8	2139.6
2	1.39334	1.58765	7.63791	7.32818	7.48575	7.19770	53.727	4800.8	4752.8	4776.8
3	1.39219	1.57112	6.99798	6.86186	6.90201	6.77734	49.474	2109.9	2057.1	2083.5
4	1.39204	1.57987	7.10666	6.85439	6.99630	6.76185	51.935	3910.2	3868.4	3889.3
5	1.38961	1.57612	6.76203	6.40385	6.68050	6.35117	51.570	5551.8	5433.9	5492.9
6	1.39584	1.57962	7.11851	6.99970	6.95046	6.84270	50.815	1841.6	1778.0	1809.8
7	1.39013	1.57577	7.07741	6.93999	6.91116	6.78600	51.330	2130.0	2065.1	2097.6
8	1.39264	1.58029	7.13292	6.66993	6.99505	6.56748	51.885	7176.3	7054.9	7115.6
9	1.39367	1.58060	7.18781	6.92690	7.04498	6.80059	51.686	4044.1	4032.4	4038.3
10	1.39300	1.57829	7.32987	7.21096	7.17773	7.06815	51.233	1843.1	1808.1	1825.6
11	1.39439	1.59066	7.67745	7.43162	7.49936	7.27636	54.269	3810.4	3679.5	3745.0
12	1.39228	1.58143	7.50000	7.12096	7.33363	6.97821	52.300	5875.1	5864.4	5869.8
								3774.3	**3706.3**	



RESULTS			
51.761	*Ave. change of load*	*Ave. resultant deflec.*	**3740.3**
		and its standard devia.	**1798.6**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A1C* SURFACE USING 15g DEAD-WEIGHT

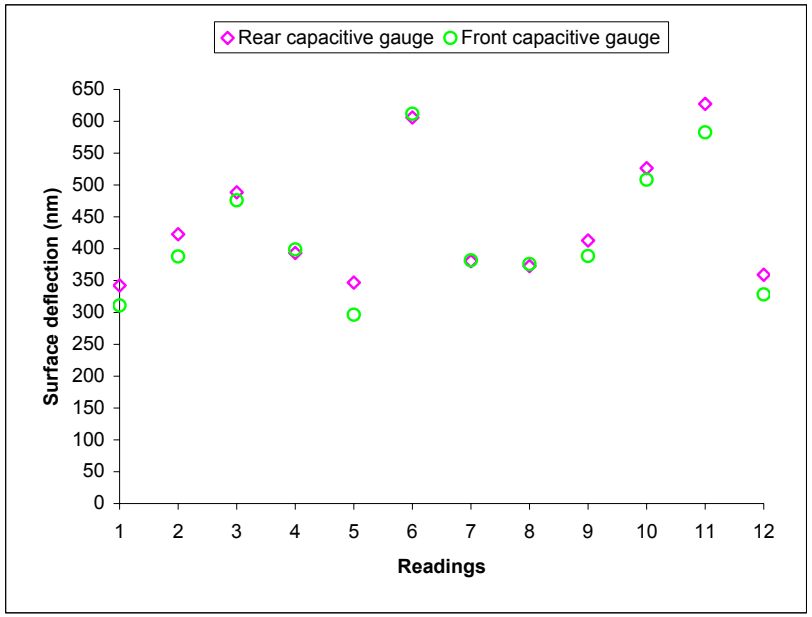
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.51222	1.56423	7.06262	7.04832	6.91869	6.90557	14.381	221.6	216.5	219.1
2	1.49544	1.55076	7.11891	7.10431	6.99738	6.98457	15.296	226.3	211.4	218.9
3	1.49676	1.55372	6.93490	6.92332	6.83537	6.82401	15.750	179.5	187.4	183.5
4	1.49735	1.55096	6.60695	6.59306	6.53309	6.52044	14.823	215.3	208.7	212.0
5	1.49830	1.55257	6.32834	6.31257	6.27372	6.25980	15.006	244.4	229.7	237.1
6	1.50167	1.55461	6.04447	6.03334	6.00674	5.99728	14.638	172.5	156.1	164.3
7	1.49754	1.55292	6.69401	6.68140	6.48672	6.47477	15.313	195.5	197.2	196.4
8	1.50786	1.56081	6.88533	6.87434	6.75932	6.74844	14.641	170.3	179.5	174.9
9	1.49826	1.55420	6.80522	6.79167	6.58870	6.57736	15.467	210.0	187.1	198.6
10	1.50383	1.55793	7.15154	7.13901	6.90992	6.89986	14.959	194.2	166.0	180.1
11	1.49949	1.55332	7.42275	7.41103	7.15996	7.15142	14.884	181.7	140.9	161.3
12	1.50751	1.56137	7.21667	7.20500	7.07100	7.06146	14.892	180.9	157.4	169.2
								199.4	**186.5**	



RESULTS			
15.004	*Ave. change of load*	*Ave. resultant deflec.*	**192.9**
		and its standard devia.	**24.6**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A1C* SURFACE USING 35g DEAD-WEIGHT

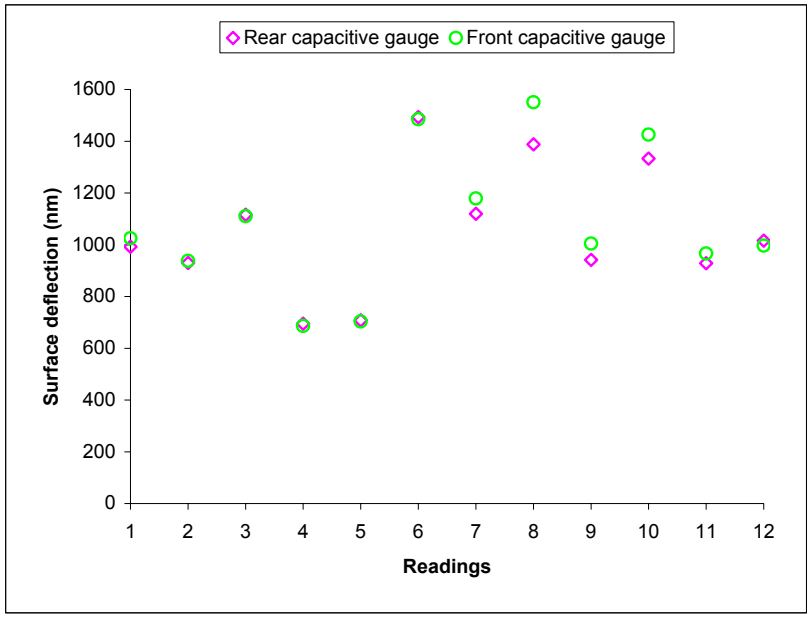
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.49778	1.62971	6.85360	6.83151	6.72180	6.70296	36.479	342.4	310.9	326.7
2	1.50227	1.63144	7.82691	7.79964	7.62136	7.59785	35.716	422.7	387.9	405.3
3	1.49977	1.63239	7.63907	7.60755	7.45084	7.42199	36.670	488.6	476.0	482.3
4	1.50282	1.63151	6.85020	6.82483	6.72282	6.69865	35.583	393.2	398.8	396.0
5	1.50045	1.63335	7.09297	7.07059	6.91659	6.89863	36.747	346.9	296.3	321.6
6	1.50523	1.63336	6.59517	6.55607	6.52155	6.48448	35.428	606.1	611.7	608.9
7	1.50052	1.63077	6.28846	6.26392	6.23956	6.21642	36.014	380.4	381.8	381.1
8	1.49893	1.63046	6.62625	6.60220	6.48439	6.46161	36.368	372.8	375.9	374.4
9	1.49770	1.63010	6.53056	6.50393	6.39476	6.37121	36.609	412.8	388.6	400.7
10	1.50473	1.63868	7.09271	7.05875	6.91487	6.88406	37.037	526.4	508.4	517.4
11	1.50749	1.63825	6.90356	6.86308	6.77046	6.73515	36.155	627.4	582.6	605.0
12	1.49975	1.63208	7.38076	7.35759	7.18792	7.16802	36.589	359.1	328.3	343.7
								439.9	**420.6**	



RESULTS			
36.283	*Ave. change of load*	*Ave. resultant deflec.*	**430.3**
		and its standard devia.	**100.5**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A1C* SURFACE USING 55g DEAD-WEIGHT

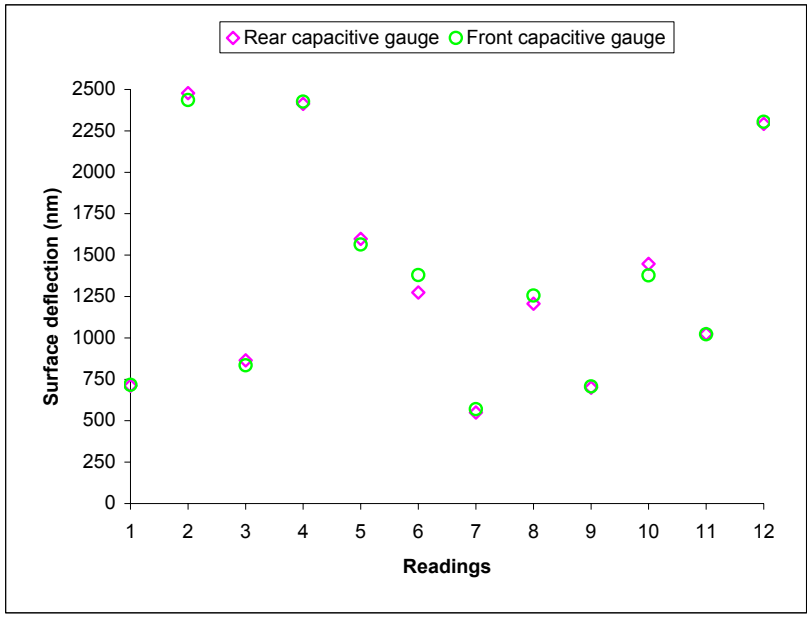
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.50200	1.71129	7.00196	6.93796	6.78193	6.71979	57.869	992.0	1025.3	1008.7
2	1.50115	1.70976	7.40385	7.34385	7.24451	7.18768	57.681	930.0	937.7	933.9
3	1.50539	1.71095	7.66047	7.58846	7.47675	7.40944	56.838	1116.2	1110.6	1113.4
4	1.50463	1.71089	7.80838	7.76354	7.61451	7.57292	57.031	695.0	686.2	690.6
5	1.50682	1.71513	7.36559	7.31993	7.19198	7.14934	57.598	707.7	703.6	705.7
6	1.50464	1.71518	7.60068	7.50434	7.39479	7.30480	58.215	1493.3	1484.8	1489.1
7	1.50358	1.71160	7.07471	7.00248	6.91992	6.84847	57.518	1119.6	1178.9	1149.3
8	1.50541	1.71441	6.44973	6.36018	6.34465	6.25068	57.789	1388.0	1550.5	1469.3
9	1.50781	1.71453	6.65995	6.59919	6.48623	6.42535	57.158	941.8	1004.5	973.2
10	1.50196	1.71059	6.62418	6.53819	6.44181	6.35541	57.686	1332.8	1425.6	1379.2
11	1.50698	1.70790	7.00215	6.94226	6.78722	6.72865	55.555	928.3	966.4	947.4
12	1.50159	1.70947	7.38747	7.32195	7.13989	7.07949	57.479	1015.6	996.6	1006.1
								1055.0	**1089.2**	



RESULTS			
57.368	*Ave. change of load*	*Ave. resultant deflec.*	**1072.1**
		and its standard devia.	**263.9**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A1D* SURFACE USING 15g DEAD-WEIGHT

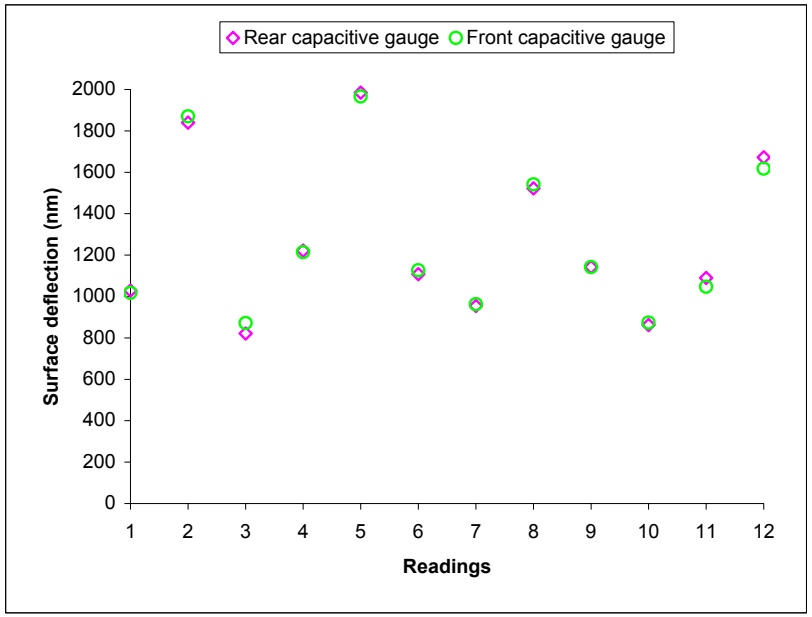
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.45924	1.51676	7.57019	7.52432	7.49025	7.44680	15.904	711.0	716.9	714.0
2	1.45605	1.51381	7.77027	7.61042	7.69481	7.54714	15.971	2477.7	2436.6	2457.2
3	1.46635	1.52081	7.38249	7.32669	7.34546	7.29490	15.058	864.9	834.2	849.6
4	1.45300	1.51292	6.90355	6.74787	6.89643	6.74939	16.568	2413.0	2426.2	2419.6
5	1.47078	1.52921	6.60407	6.50097	6.59181	6.49700	16.156	1598.1	1564.4	1581.3
6	1.45996	1.51756	7.05241	6.97021	6.89655	6.81294	15.926	1274.1	1379.6	1326.9
7	1.46649	1.52377	6.77727	6.74183	6.64072	6.60616	15.838	549.3	570.2	559.8
8	1.45752	1.51397	6.77529	6.69746	6.66051	6.58441	15.608	1206.4	1255.7	1231.1
9	1.45590	1.51301	7.19782	7.15273	7.05764	7.01476	15.791	698.9	707.5	703.2
10	1.45412	1.51093	7.12260	7.02922	7.03795	6.95449	15.708	1447.4	1377.1	1412.3
11	1.45917	1.51426	7.43979	7.37375	7.33226	7.27030	15.232	1023.6	1022.3	1023.0
12	1.48444	1.54255	7.27022	7.12234	7.21004	7.07037	16.067	2292.1	2304.6	2298.4
								1379.7	**1382.9**	



RESULTS			
15.819	*Ave. change of load*	*Ave. resultant deflec.*	**1381.3**
		and its standard devia.	**683.2**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A1D* SURFACE USING 35g DEAD-WEIGHT

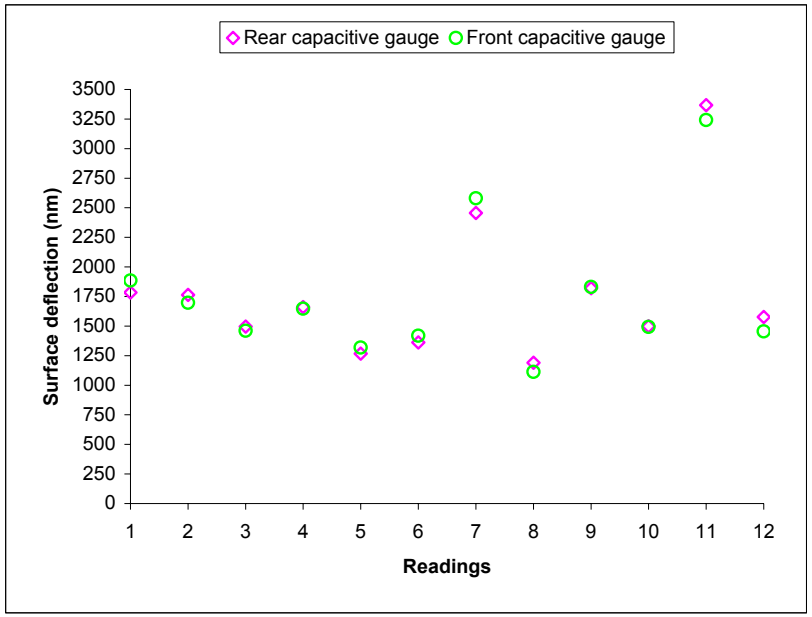
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.45418	1.58677	6.78610	6.71976	6.73849	6.67683	36.661	1028.3	1017.4	1022.9
2	1.45307	1.57494	6.97143	6.85272	6.92372	6.81036	33.697	1840.0	1870.4	1855.2
3	1.44894	1.58073	7.56483	7.51182	7.47464	7.42183	36.440	821.7	871.4	846.6
4	1.45802	1.59127	7.71504	7.63622	7.59153	7.51797	36.844	1221.7	1213.7	1217.7
5	1.45249	1.58324	6.50914	6.38112	6.49952	6.38036	36.153	1984.3	1966.1	1975.2
6	1.45913	1.59468	7.07083	6.99934	6.92355	6.85527	37.480	1108.1	1126.6	1117.4
7	1.45926	1.58966	6.79932	6.73774	6.70412	6.64576	36.056	954.5	962.9	958.7
8	1.44318	1.57721	6.51847	6.42023	6.38694	6.29349	37.059	1522.7	1541.9	1532.3
9	1.43964	1.57283	6.64585	6.57217	6.55440	6.48518	36.827	1142.0	1142.1	1142.1
10	1.44454	1.57657	7.20897	7.15335	7.09005	7.03708	36.506	862.1	874.0	868.1
11	1.46926	1.60261	7.07472	7.00442	6.99806	6.93462	36.871	1089.7	1046.8	1068.3
12	1.45186	1.58431	7.83300	7.72510	7.75124	7.65323	36.623	1672.5	1617.2	1644.9
								1270.6	**1270.9**	



RESULTS			
36.435	*Ave. change of load*	*Ave. resultant deflec.*	**1270.8**
		and its standard devia.	**385.1**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A1D* SURFACE USING 55g DEAD-WEIGHT

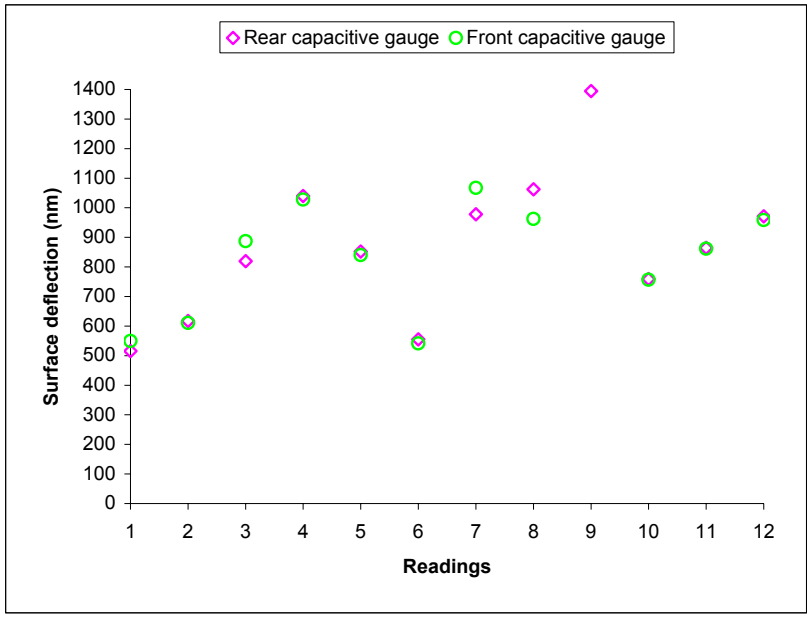
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.43232	1.63863	7.27561	7.16054	7.24603	7.13178	57.045	1783.6	1885.1	1834.4
2	1.42522	1.63637	7.55919	7.44545	7.48082	7.37793	58.383	1763.0	1697.7	1730.4
3	1.43760	1.64270	7.14771	7.05122	7.07036	6.98183	56.710	1495.6	1460.7	1478.2
4	1.45350	1.65892	6.80252	6.69540	6.75524	6.65544	56.799	1660.4	1646.7	1653.6
5	1.43162	1.64182	6.96350	6.88172	6.93209	6.85219	58.121	1267.6	1318.3	1293.0
6	1.43326	1.64167	7.24185	7.15403	7.21437	7.12839	57.626	1361.2	1418.7	1390.0
7	1.43031	1.64427	7.30673	7.14832	7.27078	7.11437	59.160	2455.4	2580.8	2518.1
8	1.43626	1.64764	6.48946	6.41272	6.42358	6.35615	58.447	1189.5	1112.6	1151.1
9	1.42998	1.64380	6.74755	6.63008	6.65636	6.54537	59.121	1820.8	1831.3	1826.1
10	1.42837	1.63912	7.45504	7.35839	7.26979	7.17931	58.273	1498.1	1492.9	1495.5
11	1.43482	1.64360	6.59098	6.37377	6.44406	6.24759	57.728	3366.8	3241.8	3304.3
12	1.42693	1.63600	6.50860	6.40689	6.37719	6.28897	57.808	1576.5	1455.6	1516.1
								1769.9	**1761.9**	



RESULTS			
57.935	*Ave. change of load*	*Ave. resultant deflec.*	**1765.9**
		and its standard devia.	**596.7**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A2C* SURFACE USING 15g DEAD-WEIGHT

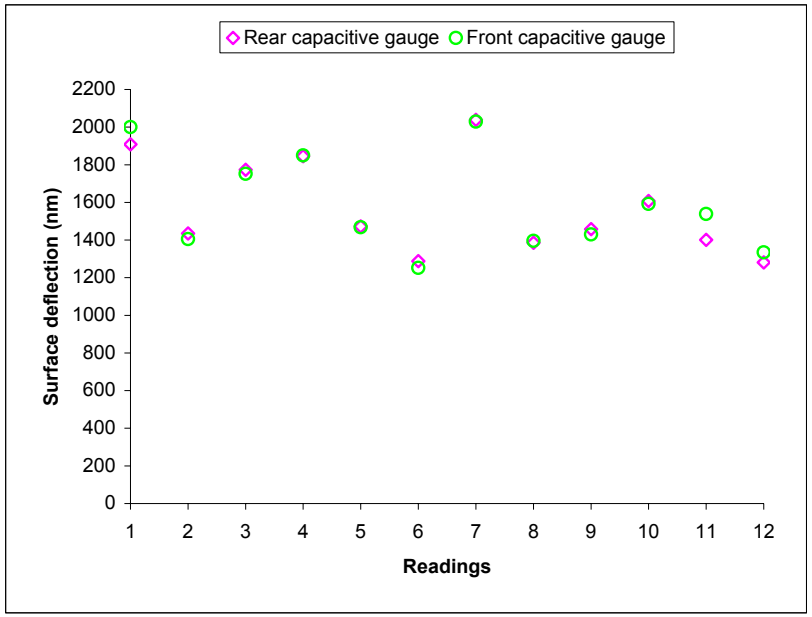
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.39991	1.44037	7.55553	7.52227	7.39899	7.36568	11.187	515.5	549.6	532.6
2	1.39706	1.44063	7.35122	7.31140	7.21234	7.17533	12.047	617.2	610.7	614.0
3	1.39661	1.44182	7.05894	7.00606	6.93417	6.88039	12.501	819.6	887.4	853.5
4	1.39368	1.43809	7.05046	6.98338	6.87547	6.81318	12.279	1039.7	1027.8	1033.8
5	1.39668	1.43955	6.90497	6.84999	6.74433	6.69340	11.854	852.2	840.3	846.3
6	1.40059	1.43694	6.80629	6.77049	6.65099	6.61818	10.051	554.9	541.4	548.2
7	1.39694	1.44028	6.41166	6.34856	6.33320	6.26852	11.984	978.1	1067.2	1022.7
8	1.39419	1.43847	6.32116	6.25262	6.25435	6.19603	12.243	1062.4	962.3	1012.4
9	1.39477	1.43807	6.23031	6.14032	6.16422	6.07935	11.972	1394.8	1400.4	1397.6
10	1.39816	1.44069	7.16358	7.11460	6.98218	6.93630	11.760	759.2	757.0	758.1
11	1.39628	1.44057	7.11702	7.06123	6.93848	6.88624	12.246	864.7	862.0	863.4
12	1.39773	1.43875	7.07417	7.01152	6.89996	6.84186	11.342	971.1	958.7	964.9
								869.1	**872.1**	



RESULTS			
11.789	*Ave. change of load*	*Ave. resultant deflec.*	**870.6**
		and its standard devia.	**243.9**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A2C* SURFACE USING 35g DEAD-WEIGHT

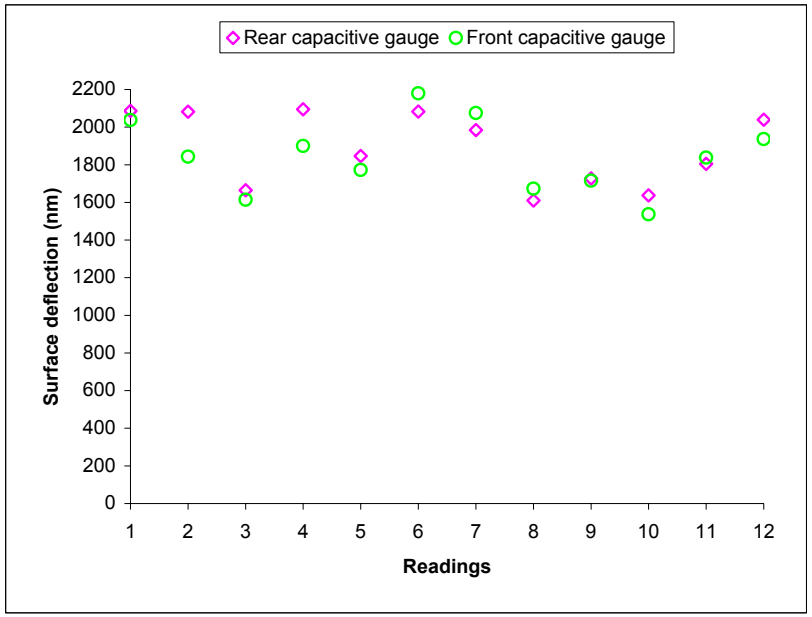
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.39629	1.50880	6.85596	6.73285	6.69797	6.57675	31.109	1908.2	2000.1	1954.2
2	1.39639	1.50968	6.93140	6.83884	6.75315	6.66796	31.325	1434.7	1405.6	1420.2
3	1.39813	1.51964	7.38862	7.27423	7.18109	7.07491	33.598	1773.0	1752.0	1762.5
4	1.39450	1.50633	6.56690	6.44782	6.43008	6.31799	30.921	1845.7	1849.5	1847.6
5	1.39789	1.50677	6.49126	6.39625	6.36087	6.27191	30.105	1472.7	1467.8	1470.3
6	1.40065	1.51162	6.42106	6.33799	6.29838	6.22251	30.683	1287.6	1251.9	1269.8
7	1.39488	1.50597	6.37979	6.24829	6.25786	6.13489	30.717	2038.3	2029.0	2033.7
8	1.39581	1.50589	6.30814	6.21873	6.19288	6.10828	30.437	1385.9	1395.9	1390.9
9	1.39480	1.50782	6.22670	6.13262	6.11702	6.03038	31.250	1458.2	1429.6	1443.9
10	1.39474	1.50704	6.22608	6.12238	6.11823	6.02173	31.051	1607.4	1592.3	1599.9
11	1.39918	1.50950	6.73450	6.64414	6.56308	6.46984	30.504	1400.6	1538.5	1469.6
12	1.39546	1.50561	6.89601	6.81337	6.71860	6.63769	30.457	1280.9	1335.0	1308.0
								1574.4	**1587.3**	



RESULTS			
31.013	*Ave. change of load*	*Ave. resultant deflec.*	**1580.9**
		and its standard devia.	**256.8**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A2C* SURFACE USING 55g DEAD-WEIGHT

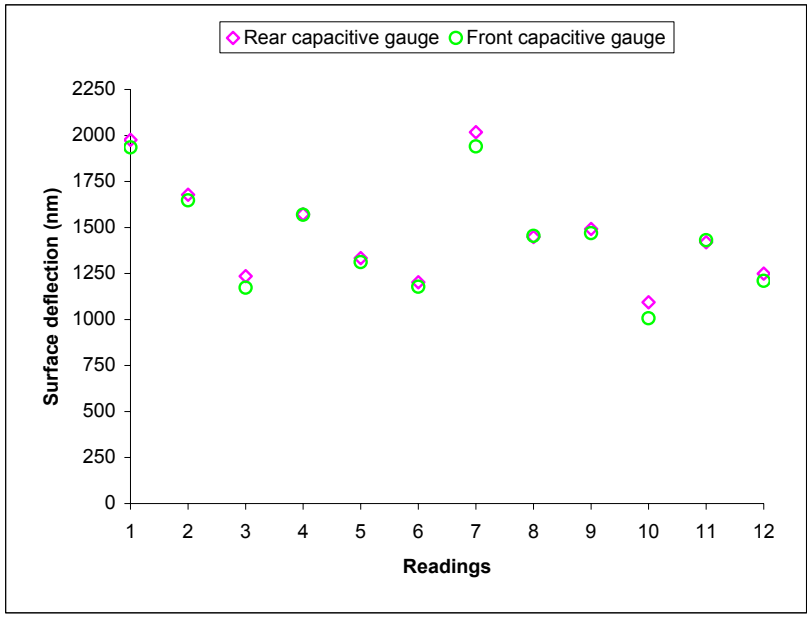
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.39950	1.58654	7.51966	7.38508	7.30340	7.17990	51.717	2086.0	2037.8	2061.9
2	1.40062	1.58834	7.63628	7.50196	7.41241	7.30071	51.905	2082.0	1843.1	1962.6
3	1.40195	1.59369	7.71176	7.60440	7.48114	7.38331	53.016	1664.1	1614.2	1639.2
4	1.40197	1.60065	7.31282	7.17766	7.17552	7.06039	54.935	2095.0	1899.6	1997.3
5	1.40298	1.59961	7.32551	7.20641	7.18714	7.07974	54.368	1846.1	1772.1	1809.1
6	1.40646	1.60066	7.40530	7.27094	7.25726	7.12517	53.697	2082.6	2179.5	2131.1
7	1.40751	1.60660	7.88854	7.76051	7.69936	7.57359	55.049	1984.5	2075.2	2029.9
8	1.41232	1.60507	7.58280	7.47890	7.42110	7.31972	53.296	1610.4	1672.8	1641.6
9	1.40801	1.60839	6.62632	6.51487	6.56496	6.46098	55.405	1727.5	1715.7	1721.6
10	1.41038	1.60746	7.77371	7.66810	7.59785	7.50470	54.493	1637.0	1537.0	1587.0
11	1.40657	1.60602	7.83596	7.71950	7.65535	7.54396	55.148	1805.1	1837.9	1821.5
12	1.40740	1.60654	7.81291	7.68136	7.63076	7.51337	55.062	2039.0	1936.9	1988.0
								1888.3	**1843.5**	



RESULTS			
54.008	*Ave. change of load*	*Ave. resultant deflec.*	**1865.9**
		and its standard devia.	**186.5**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A2D* SURFACE USING 15g DEAD-WEIGHT

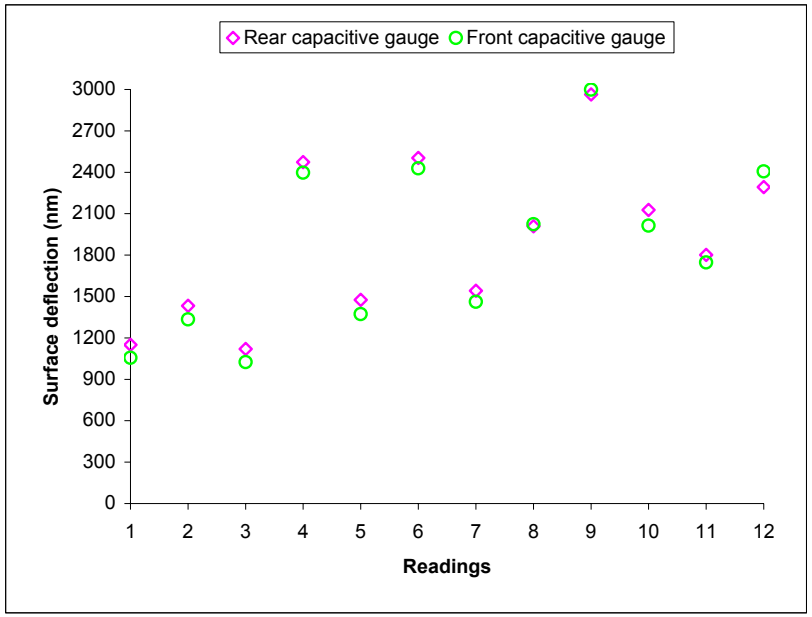
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.41647	1.46581	6.99201	6.86453	6.90418	6.78691	13.643	1975.9	1935.0	1955.5
2	1.41938	1.47391	6.79292	6.68468	6.72358	6.62375	15.078	1677.7	1647.2	1662.5
3	1.41639	1.47017	6.69785	6.61815	6.63210	6.56102	14.870	1235.4	1172.8	1204.1
4	1.41824	1.46807	6.49343	6.39202	6.44365	6.34854	13.778	1571.9	1569.3	1570.6
5	1.41550	1.46731	6.40759	6.32155	6.36319	6.28369	14.326	1333.6	1311.8	1322.7
6	1.42021	1.46579	6.97262	6.89502	6.82589	6.75449	12.603	1202.8	1178.1	1190.5
7	1.41606	1.46854	7.05706	6.92688	6.94084	6.82324	14.511	2017.8	1940.4	1979.1
8	1.41555	1.46892	6.87600	6.78258	6.77443	6.68628	14.757	1448.0	1454.5	1451.3
9	1.41639	1.46874	6.71693	6.62069	6.62501	6.53595	14.475	1491.7	1469.5	1480.6
10	1.41700	1.46896	6.99622	6.92568	6.84588	6.78486	14.367	1093.4	1006.8	1050.1
11	1.41762	1.46817	6.28699	6.19537	6.22647	6.13973	13.977	1420.1	1431.2	1425.7
12	1.41759	1.46546	7.09007	7.00948	6.93404	6.86072	13.236	1249.1	1209.8	1229.5
								1476.5	**1443.9**	



RESULTS			
14.135	*Ave. change of load*	*Ave. resultant deflec.*	**1460.2**
		and its standard devia.	**293.6**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A2D* SURFACE USING 35g DEAD-WEIGHT

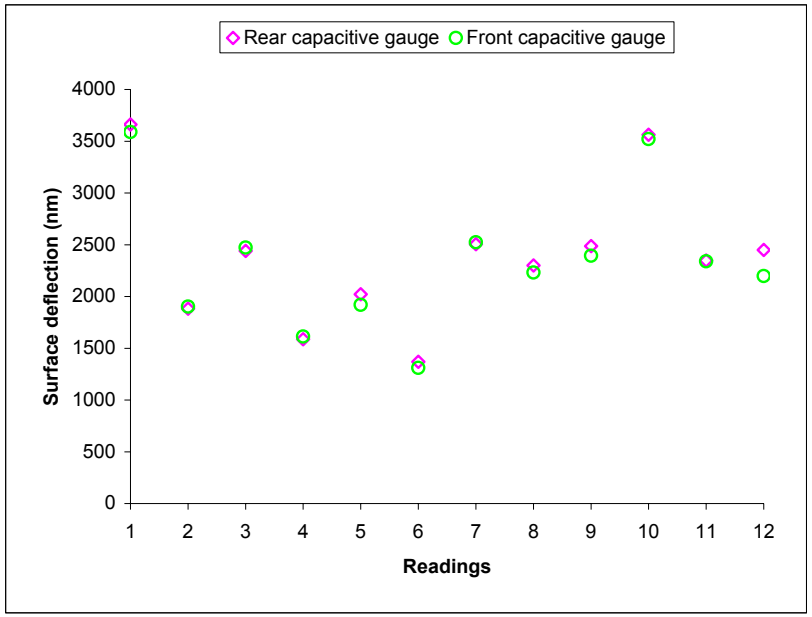
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.42227	1.54503	6.79751	6.72330	6.66165	6.59765	33.943	1150.3	1056.0	1103.2
2	1.41837	1.54240	6.72593	6.63350	6.59768	6.51680	34.294	1432.7	1334.5	1383.6
3	1.42393	1.54937	6.71231	6.64008	6.58420	6.52211	34.684	1119.6	1024.5	1072.1
4	1.41842	1.54537	6.72764	6.56803	6.60139	6.45608	35.102	2474.0	2397.6	2435.8
5	1.42177	1.54707	6.57020	6.47497	6.45275	6.36955	34.646	1476.1	1372.8	1424.5
6	1.41832	1.54765	6.57274	6.41118	6.51392	6.36676	35.760	2504.2	2428.1	2466.2
7	1.42520	1.55595	6.71797	6.61854	6.64998	6.56141	36.153	1541.2	1461.4	1501.3
8	1.41789	1.54551	6.49670	6.36706	6.38740	6.26475	35.287	2009.4	2023.7	2016.6
9	1.42472	1.55414	6.97277	6.78156	6.88414	6.70237	35.785	2963.8	2999.2	2981.5
10	1.42010	1.54721	7.00733	6.87008	6.84460	6.72259	35.146	2127.4	2013.2	2070.3
11	1.41904	1.54846	7.25151	7.13526	7.07252	6.96662	35.785	1801.9	1747.4	1774.7
12	1.42307	1.55569	7.55997	7.41207	7.35834	7.21249	36.670	2292.5	2406.5	2349.5
								1907.8	**1855.4**	



RESULTS			
35.271	*Ave. change of load*	*Ave. resultant deflec.*	**1881.6**
		and its standard devia.	**603.5**

DIFFERENT-POINT REPEATED CONTACTS WITH 5MM TIP ON *A2D* SURFACE USING 55g DEAD-WEIGHT

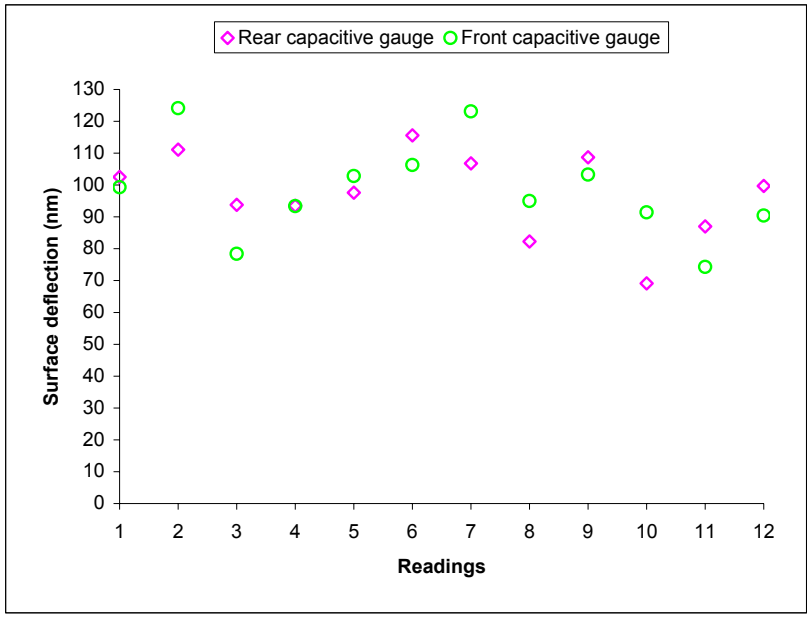
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.42342	1.62501	7.25482	7.01857	7.14901	6.93154	55.740	3661.9	3588.3	3625.1
2	1.42071	1.62864	7.19778	7.07628	7.09777	6.98245	57.493	1883.3	1902.8	1893.1
3	1.42150	1.62414	7.23474	7.07732	7.13167	6.98176	56.030	2440.0	2473.5	2456.8
4	1.42789	1.63169	7.24094	7.13852	7.13506	7.03730	56.351	1587.5	1613.0	1600.3
5	1.42325	1.63035	6.46044	6.33006	6.41585	6.29946	57.263	2020.9	1920.4	1970.7
6	1.42419	1.63214	7.25996	7.17164	7.15803	7.07859	57.498	1369.0	1310.8	1339.9
7	1.42461	1.63066	7.14780	6.98620	7.05098	6.89803	56.973	2504.8	2523.7	2514.3
8	1.42275	1.62947	7.19510	7.04677	7.09375	6.95848	57.158	2299.1	2232.0	2265.6
9	1.42131	1.62957	6.90499	6.74454	6.82425	6.67916	57.584	2487.0	2394.0	2440.5
10	1.42398	1.62947	7.06666	6.83680	6.97084	6.75747	56.818	3562.8	3520.6	3541.7
11	1.42338	1.63012	6.82603	6.67457	6.75344	6.61158	57.164	2347.6	2340.7	2344.2
12	1.42344	1.62732	6.67820	6.52017	6.61523	6.48204	56.373	2449.5	2197.6	2323.6
								2384.5	**2334.8**	



RESULTS			
56.870	*Ave. change of load*	*Ave. resultant deflec.*	**2359.6**
		and its standard devia.	**676.5**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S1C* SURFACE USING 15g DEAD-WEIGHT

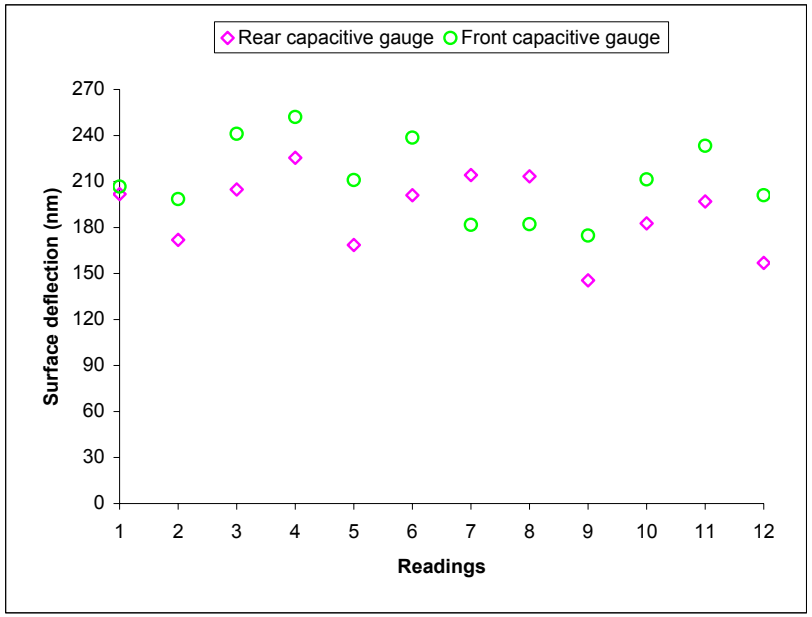
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.46542	1.49682	6.60068	6.59407	6.64839	6.64237	8.682	102.5	99.3	100.9
2	1.46352	1.49891	6.61178	6.60461	6.65967	6.65215	9.785	111.1	124.1	117.6
3	1.46928	1.51749	7.09566	7.08961	7.11425	7.10950	13.330	93.8	78.4	86.1
4	1.46705	1.49917	6.61827	6.61224	6.66422	6.65856	8.881	93.5	93.4	93.5
5	1.46751	1.50604	6.69105	6.68475	6.73109	6.72486	10.654	97.6	102.8	100.2
6	1.46667	1.50628	6.76523	6.75777	6.79861	6.79217	10.952	115.6	106.3	111.0
7	1.46912	1.50187	6.80638	6.79949	6.83596	6.82850	9.055	106.8	123.1	115.0
8	1.47381	1.52720	7.19308	7.18777	7.20377	7.19801	14.762	82.3	95.0	88.7
9	1.46778	1.50957	6.97938	6.97237	6.99538	6.98912	11.555	108.7	103.3	106.0
10	1.46936	1.49704	7.08450	7.08004	7.09065	7.08511	7.654	69.1	91.4	80.3
11	1.47048	1.51452	7.42850	7.42289	7.41521	7.41071	12.177	87.0	74.3	80.7
12	1.46797	1.50766	7.58068	7.57425	7.55872	7.55324	10.974	99.7	90.4	95.1
								97.3	**98.5**	



RESULTS			
10.705	*Ave. change of load*	*Ave. resultant deflec.*	**97.9**
		and its standard devia.	**12.8**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S1C* SURFACE USING 35g DEAD-WEIGHT

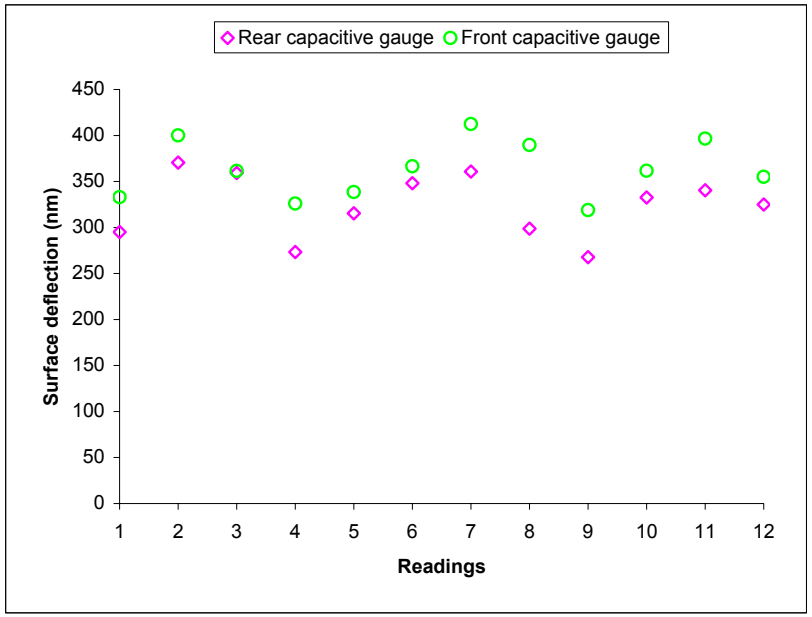
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.46849	1.57740	7.46272	7.44970	7.44660	7.43407	30.114	201.8	206.7	204.3
2	1.47470	1.58637	7.01321	7.00212	7.04045	7.02842	30.877	171.9	198.5	185.2
3	1.47207	1.59677	7.35863	7.34542	7.34883	7.33422	34.480	204.8	241.1	223.0
4	1.46814	1.58092	7.31919	7.30465	7.31243	7.29715	31.184	225.4	252.1	238.8
5	1.47422	1.57804	6.83349	6.82261	6.87101	6.85822	28.706	168.6	211.0	189.8
6	1.47221	1.58644	6.67527	6.66230	6.72368	6.70922	31.585	201.0	238.6	219.8
7	1.47178	1.58079	6.71992	6.70610	6.76371	6.75270	30.141	214.2	181.7	198.0
8	1.47376	1.57361	6.80109	6.78732	6.84612	6.83508	27.609	213.4	182.2	197.8
9	1.47365	1.57726	6.95679	6.94740	6.99159	6.98100	28.648	145.5	174.7	160.1
10	1.47412	1.58530	6.88601	6.87422	6.92326	6.91045	30.741	182.7	211.4	197.1
11	1.47419	1.59201	6.90691	6.89420	6.93887	6.92473	32.577	197.0	233.3	215.2
12	1.47488	1.58089	6.81458	6.80446	6.85386	6.84168	29.312	156.9	201.0	179.0
								190.3	**211.0**	



RESULTS			
30.498	*Ave. change of load*	*Ave. resultant deflec.*	**200.6**
		and its standard devia.	**21.4**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S1C* SURFACE USING 55g DEAD-WEIGHT

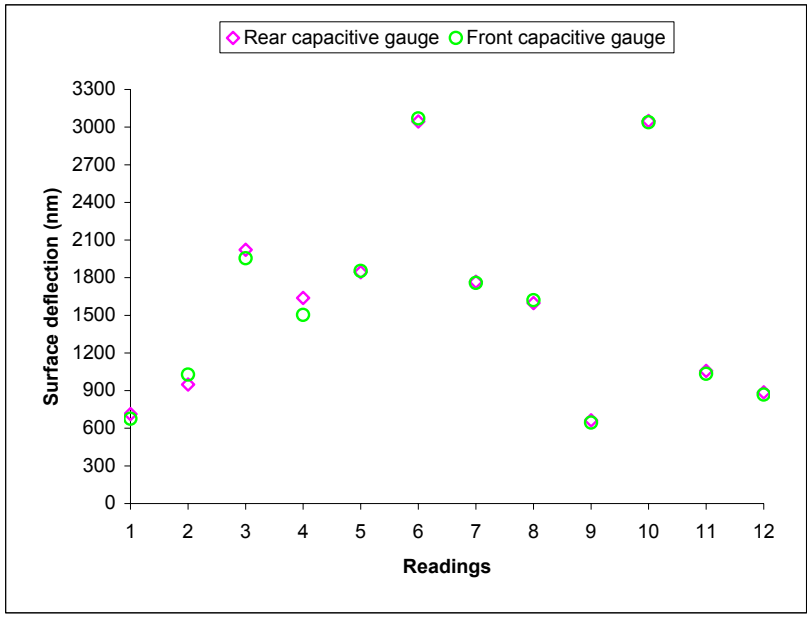
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.49061	1.67682	6.74769	6.72866	6.81218	6.79200	51.487	295.0	333.0	314.0
2	1.49580	1.69706	7.41975	7.39584	7.42780	7.40355	55.649	370.6	400.1	385.4
3	1.49533	1.69501	7.35439	7.33121	7.36678	7.34487	55.212	359.3	361.5	360.4
4	1.49478	1.69038	7.04851	7.03088	7.08037	7.06061	54.084	273.3	326.0	299.7
5	1.49340	1.68773	6.90523	6.88488	6.94902	6.92850	53.732	315.4	338.6	327.0
6	1.49417	1.68689	6.97055	6.94809	7.01227	6.99006	53.287	348.1	366.5	357.3
7	1.49467	1.69284	7.22331	7.20003	7.24346	7.21846	54.794	360.8	412.5	386.7
8	1.49446	1.69311	7.11548	7.09621	7.14370	7.12008	54.927	298.7	389.7	344.2
9	1.49413	1.69122	7.09755	7.08028	7.13223	7.11290	54.496	267.7	318.9	293.3
10	1.49599	1.69611	7.21492	7.19346	7.23877	7.21685	55.333	332.6	361.7	347.2
11	1.49447	1.69136	7.16804	7.14608	7.19751	7.17347	54.440	340.4	396.7	368.6
12	1.49311	1.69048	7.12833	7.10737	7.16463	7.14311	54.573	324.9	355.1	340.0
								323.9	**363.4**	



RESULTS			
54.335	*Ave. change of load*	*Ave. resultant deflec.*	**343.6**
		and its standard devia.	**30.6**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S1D* SURFACE USING 15g DEAD-WEIGHT

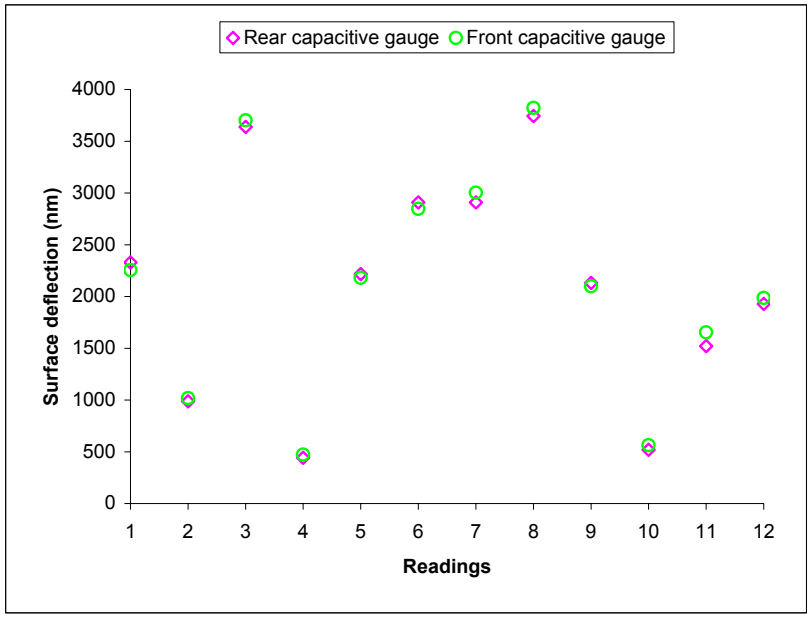
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.49530	1.55075	6.96239	6.91640	7.02220	6.98125	15.332	712.8	675.7	694.3
2	1.49423	1.55043	6.89582	6.83459	6.96526	6.90297	15.539	949.1	1027.8	988.5
3	1.49376	1.54960	6.87999	6.74950	6.90014	6.78170	15.440	2022.6	1954.3	1988.5
4	1.49519	1.54866	6.91926	6.81353	6.93840	6.84726	14.785	1638.8	1503.8	1571.3
5	1.49467	1.54958	6.94946	6.83047	6.96268	6.85032	15.183	1844.3	1853.9	1849.1
6	1.49437	1.54859	6.99587	6.79940	7.05638	6.87037	14.992	3045.3	3069.2	3057.3
7	1.49794	1.55384	7.05195	6.93789	7.06154	6.95494	15.456	1767.9	1758.9	1763.4
8	1.49590	1.55232	7.09634	6.99326	7.10030	7.00208	15.600	1597.7	1620.6	1609.2
9	1.49423	1.54854	6.93268	6.88987	6.99692	6.95778	15.017	663.6	645.8	654.7
10	1.49573	1.55030	7.21218	7.01549	7.20744	7.02332	15.089	3048.7	3038.0	3043.4
11	1.49236	1.54495	7.04331	6.97508	7.04477	6.98210	14.541	1057.6	1034.1	1045.9
12	1.49113	1.54441	6.98153	6.92437	6.98737	6.93475	14.732	886.0	868.2	877.1
								1602.9	**1587.5**	



RESULTS			
15.142	*Ave. change of load*	*Ave. resultant deflec.*	**1595.2**
		and its standard devia.	**818.2**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S1D* SURFACE USING 35g DEAD-WEIGHT

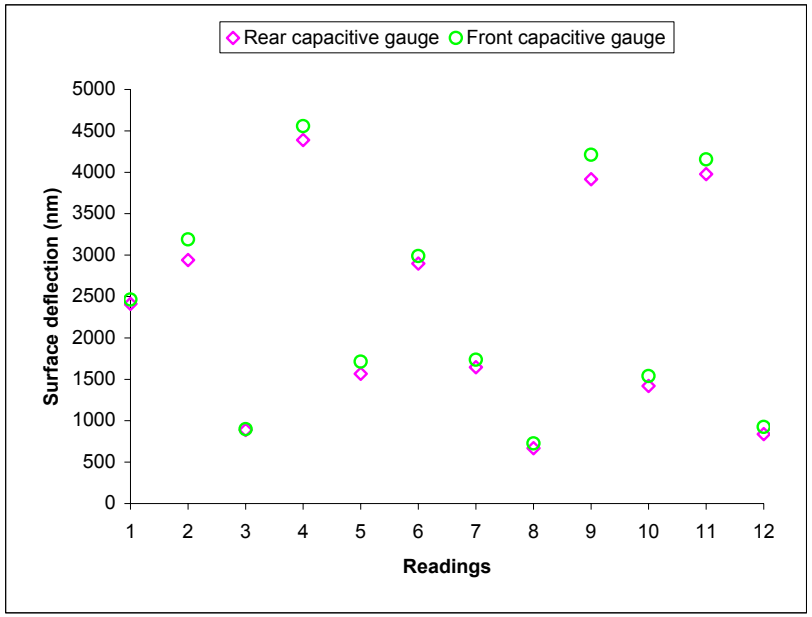
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.49592	1.61862	6.75622	6.60596	6.77232	6.63567	33.927	2329.0	2254.7	2291.9
2	1.49356	1.61202	6.69518	6.63145	6.73675	6.67504	32.754	987.8	1018.2	1003.0
3	1.49328	1.61731	7.16780	6.93304	7.16657	6.94218	34.294	3638.8	3702.4	3670.6
4	1.48977	1.61546	6.75223	6.72375	6.76791	6.73920	34.753	441.4	473.7	457.6
5	1.49093	1.61431	6.81770	6.67467	6.85273	6.72058	34.115	2217.0	2180.5	2198.8
6	1.48848	1.61386	6.87975	6.69210	6.90902	6.73647	34.668	2908.6	2847.1	2877.9
7	1.48975	1.61373	6.97799	6.79036	7.00146	6.81949	34.281	2908.3	3002.5	2955.4
8	1.49127	1.61016	7.18199	6.94052	7.23108	6.99945	32.873	3742.8	3821.9	3782.4
9	1.49088	1.61627	7.04509	6.90755	7.05134	6.92410	34.670	2131.9	2099.5	2115.7
10	1.49165	1.61410	6.86147	6.82794	6.87218	6.83800	33.858	519.7	564.0	541.9
11	1.49550	1.61546	6.72308	6.62498	6.73370	6.63348	33.169	1520.6	1653.6	1587.1
12	1.49212	1.61332	7.09305	6.96863	7.09741	6.97703	33.512	1928.5	1986.3	1957.4
								2106.2	**2133.7**	



RESULTS			
33.906	*Ave. change of load*	*Ave. resultant deflec.*	**2120.0**
		and its standard devia.	**1099.1**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S1D* SURFACE USING 55g DEAD-WEIGHT

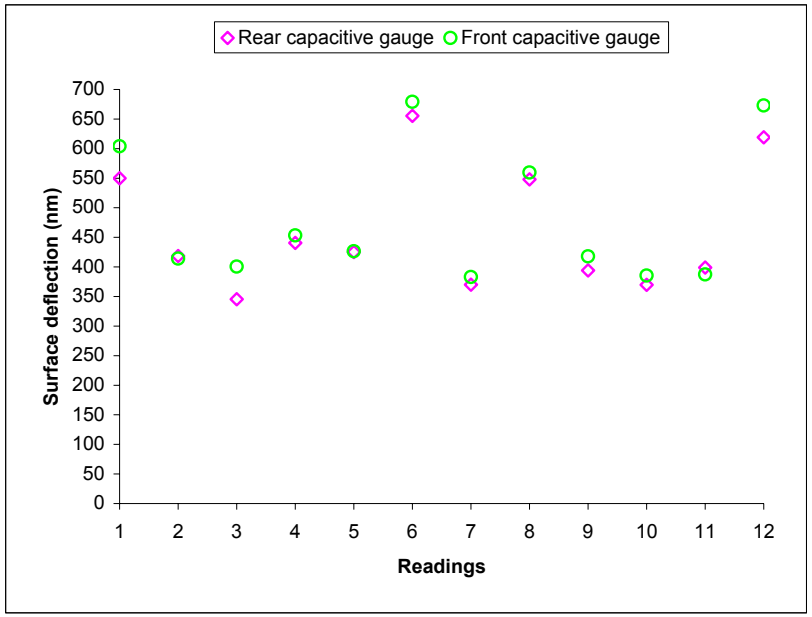
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.48755	1.69161	7.09933	6.94376	7.14853	6.99922	56.423	2411.3	2463.6	2437.5
2	1.48526	1.68991	6.84044	6.65075	6.94303	6.74967	56.586	2940.2	3190.4	3065.3
3	1.48500	1.69369	7.02084	6.96345	7.08028	7.02583	57.703	889.5	898.4	894.0
4	1.48469	1.69357	7.32297	7.03977	7.36605	7.08985	57.756	4389.6	4557.3	4473.5
5	1.48949	1.69507	7.10217	7.00102	7.14986	7.04596	56.843	1567.8	1714.4	1641.1
6	1.48654	1.69284	7.18156	6.99459	7.23857	7.05739	57.042	2898.0	2989.5	2943.8
7	1.48587	1.69015	7.12305	7.01680	7.18526	7.08004	56.484	1646.9	1736.1	1691.5
8	1.48463	1.69353	7.11325	7.07009	7.17751	7.13353	57.761	669.0	725.7	697.4
9	1.48893	1.69705	7.52334	7.27069	7.55546	7.30026	57.545	3916.1	4210.8	4063.5
10	1.48891	1.69707	6.95362	6.86197	7.00742	6.91407	57.556	1420.6	1540.3	1480.5
11	1.48809	1.68786	7.03890	6.78220	7.08562	6.83378	55.237	3978.9	4155.4	4067.2
12	1.48704	1.69184	6.72770	6.67361	6.79581	6.73970	56.627	838.4	925.8	882.1
								2297.2	**2425.6**	



RESULTS			
56.964	*Ave. change of load*	*Ave. resultant deflec.*	**2361.4**
		and its standard devia.	**1347.1**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S2C* SURFACE USING 15g DEAD-WEIGHT

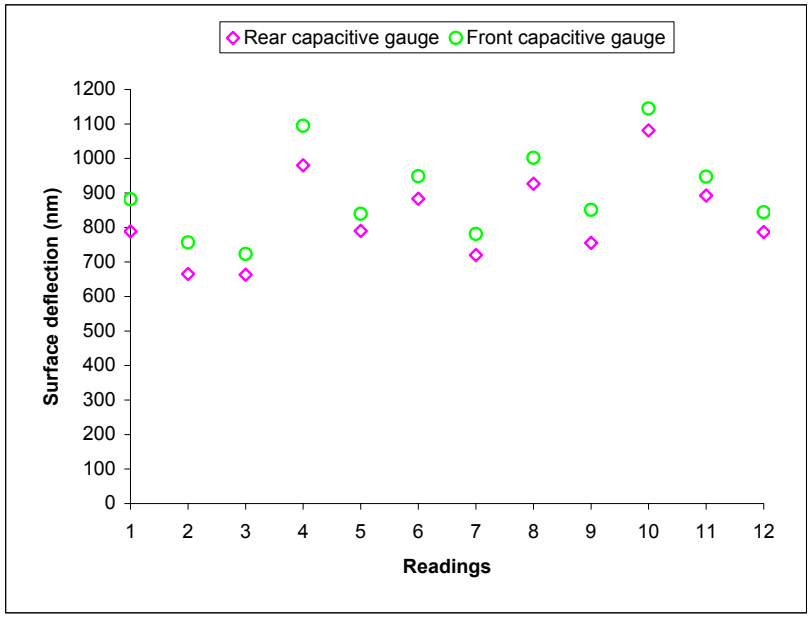
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.53375	1.57181	6.44953	6.41406	6.43193	6.39532	10.524	549.8	604.1	577.0
2	1.53963	1.579	6.56774	6.54074	6.54456	6.51946	10.886	418.5	414.2	416.4
3	1.53783	1.58471	6.84708	6.8248	6.80703	6.78275	12.962	345.3	400.6	373.0
4	1.53794	1.57996	6.8306	6.80218	6.78893	6.76145	11.619	440.5	453.4	447.0
5	1.54108	1.59373	7.71467	7.68723	7.7516	7.72575	14.558	425.3	426.5	425.9
6	1.53653	1.58669	7.18624	7.14396	7.11815	7.07699	13.869	655.3	679.1	667.2
7	1.54087	1.59684	7.38206	7.35818	7.39632	7.37311	15.476	370.1	383.0	376.6
8	1.54333	1.59848	7.95534	7.91998	7.96956	7.93565	15.249	548.1	559.5	553.8
9	1.53914	1.59064	7.51901	7.49358	7.42675	7.40143	14.240	394.2	417.8	406.0
10	1.53698	1.5897	7.58282	7.55896	7.48461	7.46125	14.577	369.8	385.4	377.6
11	1.54531	1.6022	6.83243	6.80669	6.91557	6.8921	15.730	399.0	387.3	393.2
12	1.53798	1.59147	6.92094	6.88099	6.96984	6.92905	14.790	619.2	673.0	646.1
								461.3	**482.0**	



RESULTS			
13.707	*Ave. change of load*	*Ave. resultant deflec.*	**471.6**
		and its standard devia.	**108.9**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S2C* SURFACE USING 35g DEAD-WEIGHT

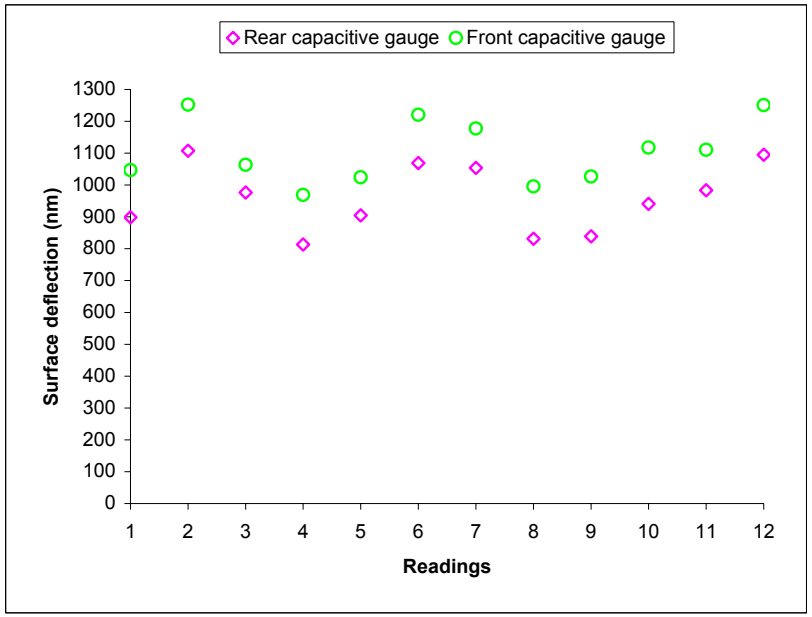
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.53143	1.65464	6.72974	6.67884	6.76773	6.71428	34.068	788.9	881.9	835.4
2	1.53149	1.66008	7.44014	7.39720	7.43092	7.38505	35.555	665.6	756.9	711.3
3	1.53465	1.65940	6.91911	6.87634	6.93460	6.89076	34.494	662.9	723.4	693.2
4	1.53370	1.66401	6.87638	6.81314	6.94158	6.87522	36.031	980.2	1094.9	1037.6
5	1.52880	1.65314	6.90726	6.85629	6.88266	6.83177	34.380	790.0	839.7	814.9
6	1.53145	1.65787	6.56306	6.50606	6.65038	6.59288	34.955	883.5	948.8	916.2
7	1.52955	1.65642	6.84252	6.79607	6.86776	6.82041	35.080	720.0	781.3	750.7
8	1.53055	1.65526	7.01271	6.95290	7.02675	6.96602	34.482	927.1	1002.0	964.6
9	1.53409	1.66542	7.16898	7.12025	7.18100	7.12942	36.313	755.3	851.1	803.2
10	1.53542	1.66753	6.68255	6.61279	6.76236	6.69297	36.529	1081.3	1144.9	1113.1
11	1.52998	1.65660	6.62187	6.56429	6.64589	6.58847	35.011	892.5	947.4	920.0
12	1.53080	1.65884	7.09404	7.04327	7.05350	7.00233	35.403	786.9	844.3	815.6
								827.9	**901.4**	



RESULTS			
35.192	*Ave. change of load*	*Ave. resultant deflec.*	**864.6**
		and its standard devia.	**128.9**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S2C* SURFACE USING 55g DEAD-WEIGHT

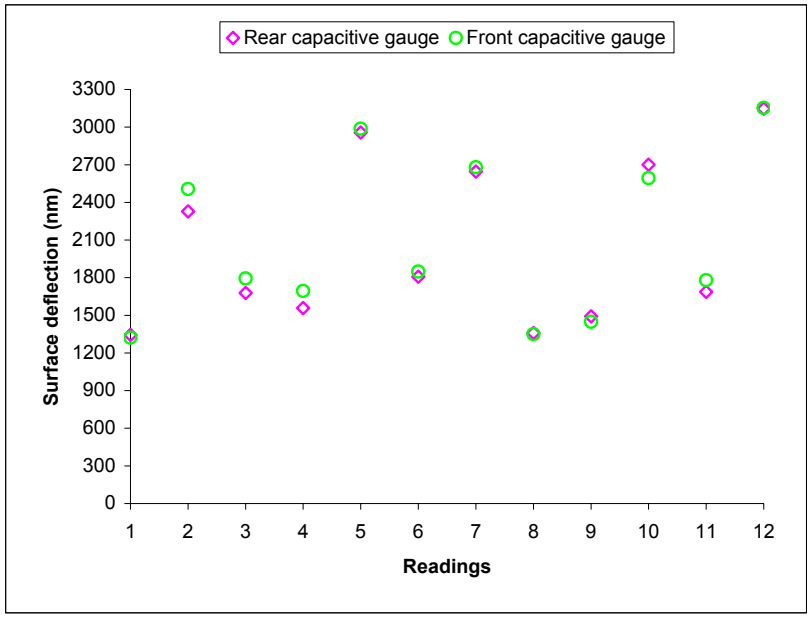
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.53158	1.73826	7.03887	6.98089	7.08192	7.01847	57.147	898.7	1046.9	972.8
2	1.52890	1.73480	6.64078	6.56932	6.70633	6.63042	56.932	1107.6	1252.5	1180.1
3	1.52901	1.73680	7.85148	7.78848	7.80498	7.74053	57.454	976.5	1063.4	1020.0
4	1.52953	1.73533	6.78126	6.72880	6.80692	6.74819	56.904	813.1	969.0	891.1
5	1.53094	1.73909	7.82028	7.76191	7.78086	7.71880	57.554	904.7	1024.0	964.4
6	1.52612	1.73527	6.94907	6.88012	6.96227	6.88830	57.830	1068.7	1220.5	1144.6
7	1.52656	1.73317	7.22154	7.15355	7.21515	7.14380	57.128	1053.8	1177.3	1115.6
8	1.53243	1.73956	7.82267	7.76904	7.77309	7.71275	57.272	831.3	995.6	913.5
9	1.53135	1.73681	7.40564	7.35151	7.43750	7.37527	56.810	839.0	1026.8	932.9
10	1.52605	1.73047	6.93416	6.87346	6.96280	6.89507	56.522	940.9	1117.5	1029.2
11	1.52667	1.73135	7.14315	7.07971	7.19200	7.12469	56.594	983.3	1110.6	1047.0
12	1.52630	1.72756	6.53091	6.46025	6.62566	6.54985	55.649	1095.2	1250.9	1173.1
								959.4	**1104.6**	



RESULTS			
56.983	*Ave. change of load*	*Ave. resultant deflec.*	**1032.0**
		and its standard devia.	**101.7**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S2D* SURFACE USING 15g DEAD-WEIGHT

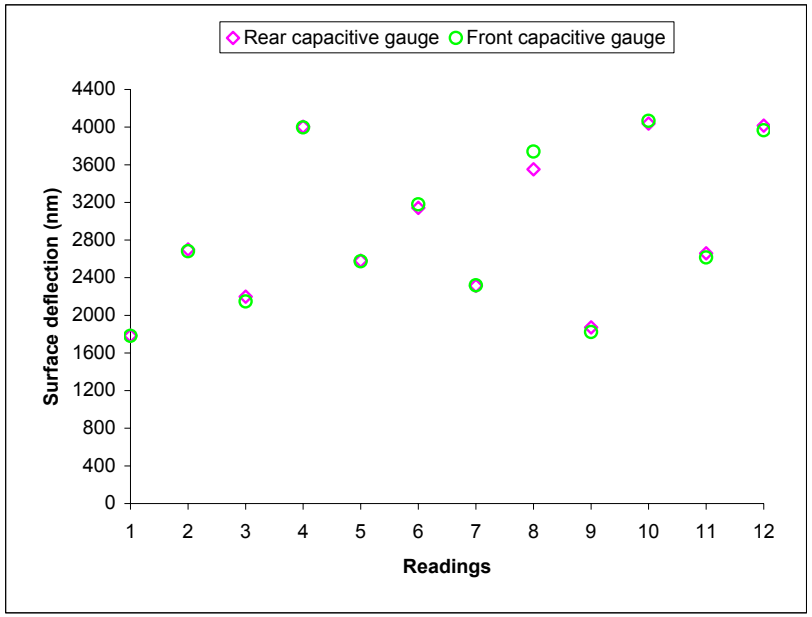
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.51900	1.57604	7.55968	7.47297	7.62286	7.54273	15.772	1344.0	1322.1	1333.1
2	1.51169	1.56741	6.91232	6.76207	6.94419	6.79225	15.407	2328.9	2507.0	2418.0
3	1.51227	1.56419	6.88657	6.77828	6.91997	6.81124	14.356	1678.5	1794.0	1736.3
4	1.51126	1.56478	6.99225	6.89168	7.01403	6.91130	14.798	1558.8	1695.0	1626.9
5	1.51515	1.57131	7.11641	6.92562	7.21671	7.03561	15.528	2957.2	2988.2	2972.7
6	1.51431	1.56916	7.36995	7.25329	7.36134	7.24929	15.166	1808.2	1848.8	1828.5
7	1.51443	1.57077	6.75662	6.58595	6.88487	6.72246	15.578	2645.4	2679.8	2662.6
8	1.51449	1.56820	7.12676	7.03905	7.13208	7.05025	14.851	1359.5	1350.2	1354.9
9	1.51526	1.57284	6.78258	6.68631	6.90972	6.82193	15.921	1492.2	1448.5	1470.4
10	1.51223	1.56935	7.88962	7.71537	7.84280	7.68564	15.794	2700.9	2593.1	2647.0
11	1.51833	1.57541	7.45209	7.34326	7.50007	7.39220	15.783	1686.9	1779.9	1733.4
12	1.51875	1.57502	7.19429	6.99125	7.25907	7.06794	15.559	3147.1	3153.6	3150.4
								2059.0	**2096.7**	



RESULTS			
15.376	*Ave. change of load*	*Ave. resultant deflec.*	**2077.8**
		and its standard devia.	**652.3**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S2D* SURFACE USING 35g DEAD-WEIGHT

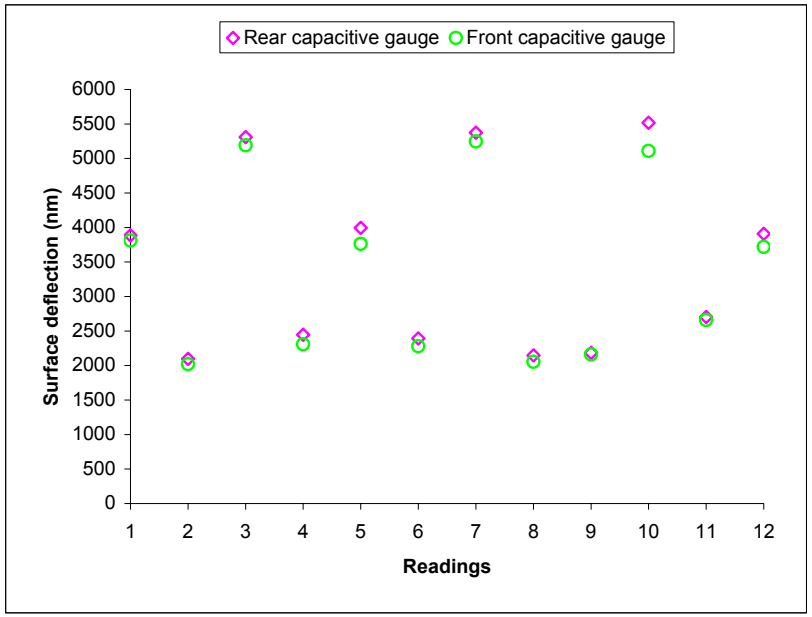
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.51959	1.64696	6.92705	6.81203	6.97207	6.86406	35.218	1782.8	1782.2	1782.5
2	1.52059	1.64864	7.03661	6.86248	7.06985	6.90733	35.406	2699.0	2681.6	2690.3
3	1.52523	1.65349	7.09931	6.95750	7.13766	7.00757	35.464	2198.1	2146.5	2172.3
4	1.52313	1.64805	6.98210	6.72373	7.03584	6.79360	34.541	4004.7	3997.0	4000.9
5	1.52325	1.65142	7.20942	7.04288	7.24024	7.08426	35.439	2581.4	2573.7	2577.6
6	1.52663	1.65909	7.07989	6.87723	7.12448	6.93177	36.625	3141.2	3179.7	3160.5
7	1.52587	1.65585	7.68876	7.53948	7.70299	7.56244	35.940	2313.8	2319.1	2316.5
8	1.52193	1.64863	7.25787	7.02869	7.30345	7.07672	35.033	3552.3	3741.0	3646.7
9	1.53368	1.66417	6.79837	6.67764	6.91440	6.80396	36.081	1871.3	1822.3	1846.8
10	1.52510	1.65572	7.59767	7.33714	7.60748	7.36096	36.117	4038.2	4067.6	4052.9
11	1.52546	1.65256	6.81303	6.64153	6.92106	6.76260	35.143	2658.3	2614.6	2636.5
12	1.53086	1.65980	7.61248	7.35340	7.65904	7.41864	35.652	4015.7	3966.6	3991.2
								2904.7	**2907.7**	



RESULTS			
35.555	*Ave. change of load*	*Ave. resultant deflec.*	**2906.2**
		and its standard devia.	**842.2**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *S2D* SURFACE USING 55g DEAD-WEIGHT

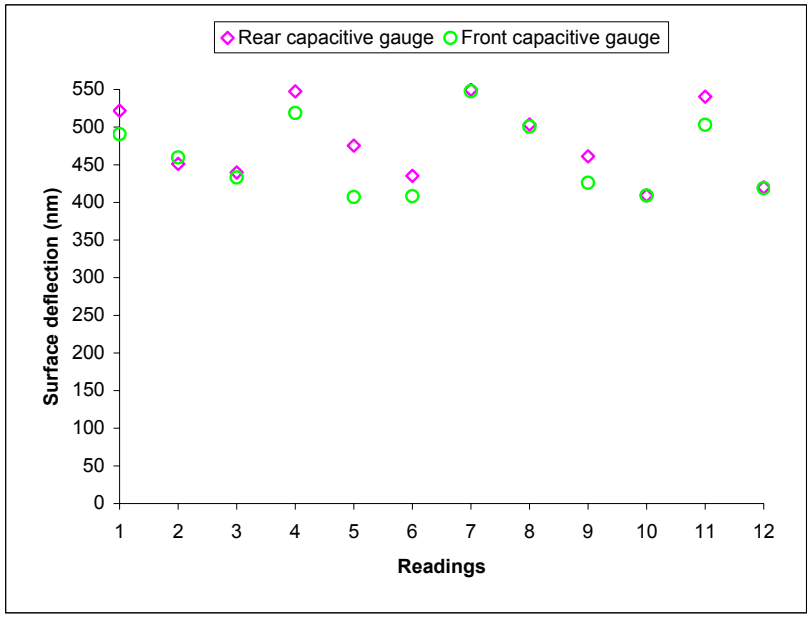
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.52577	1.73454	7.52238	7.27174	7.58775	7.35677	57.725	3884.9	3811.2	3848.1
2	1.52229	1.72548	7.45117	7.31601	7.52999	7.40762	56.182	2095.0	2019.1	2057.1
3	1.52319	1.72725	6.99269	6.65023	7.08338	6.76884	56.423	5308.1	5189.9	5249.0
4	1.52179	1.71344	7.06802	6.91016	7.07571	6.93595	52.991	2446.8	2306.0	2376.4
5	1.52209	1.72278	7.07047	6.81280	7.07320	6.84512	55.491	3993.9	3763.3	3878.6
6	1.52371	1.71830	6.81751	6.66308	6.83579	6.69767	53.804	2393.7	2279.0	2336.4
7	1.52629	1.73090	7.03637	6.68961	7.12733	6.80943	56.575	5374.8	5245.4	5310.1
8	1.52436	1.73138	7.36040	7.22188	7.43965	7.31517	57.241	2147.1	2053.9	2100.5
9	1.52619	1.73367	6.72216	6.58128	6.83054	6.69956	57.368	2183.6	2161.2	2172.4
10	1.52641	1.73114	6.97413	6.61821	7.07035	6.76074	56.608	5516.8	5108.6	5312.7
11	1.52317	1.72949	6.70447	6.53002	6.81243	6.65132	57.048	2704.0	2658.3	2681.2
12	1.52319	1.73099	7.39206	7.13990	7.46824	7.24293	57.457	3908.5	3717.6	3813.1
								3496.4	**3359.5**	



RESULTS			
56.243	*Ave. change of load*	*Ave. resultant deflec.*	**3427.9**
		and its standard devia.	**1314.7**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A1C* SURFACE USING 15g DEAD-WEIGHT

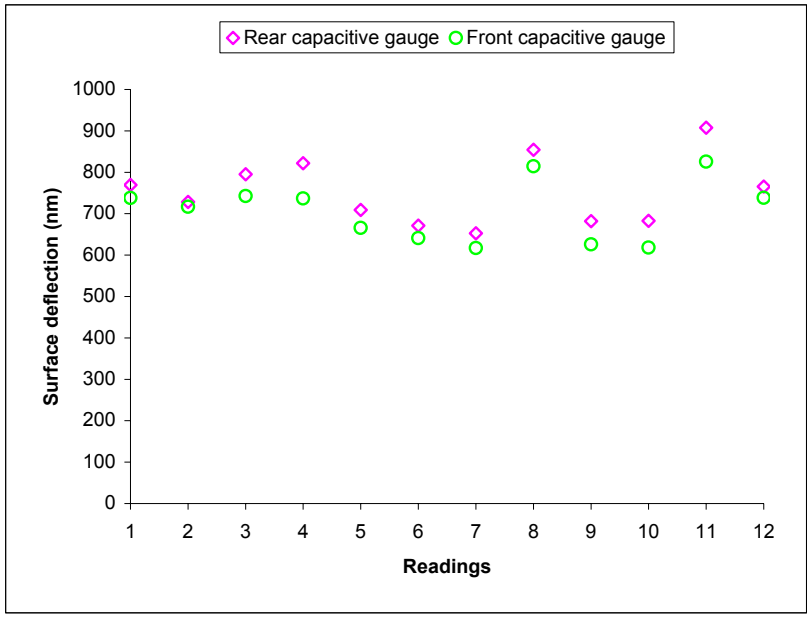
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.50063	1.55502	6.41038	6.37672	6.48405	6.45431	15.039	521.7	490.7	506.2
2	1.50111	1.55442	7.07729	7.04818	7.11807	7.09021	14.740	451.2	459.7	455.5
3	1.50305	1.55736	7.14183	7.11347	7.17549	7.14924	15.017	439.6	433.1	436.4
4	1.50453	1.55518	6.84394	6.80862	6.88793	6.85649	14.005	547.5	518.8	533.2
5	1.50294	1.55766	7.52130	7.49063	7.52370	7.49903	15.130	475.4	407.1	441.3
6	1.50429	1.55771	7.65249	7.62441	7.64350	7.61876	14.771	435.2	408.2	421.7
7	1.50046	1.55122	7.03091	6.99546	7.04626	7.01307	14.035	549.5	547.6	548.6
8	1.50127	1.55021	6.32128	6.28880	6.39910	6.36876	13.532	503.4	500.6	502.0
9	1.50507	1.55867	7.94490	7.91515	7.91137	7.88555	14.820	461.1	426.0	443.6
10	1.50154	1.55322	7.09264	7.06623	7.11795	7.09316	14.290	409.4	409.0	409.2
11	1.50396	1.55643	7.63894	7.60407	7.62722	7.59673	14.508	540.5	503.1	521.8
12	1.50150	1.55085	6.67077	6.64367	6.72652	6.70114	13.645	420.0	418.8	419.4
								479.5	**460.2**	



RESULTS			
14.461	*Ave. change of load*	*Ave. resultant deflec.*	**469.9**
		and its standard devia.	**49.2**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A1C* SURFACE USING 35g DEAD-WEIGHT

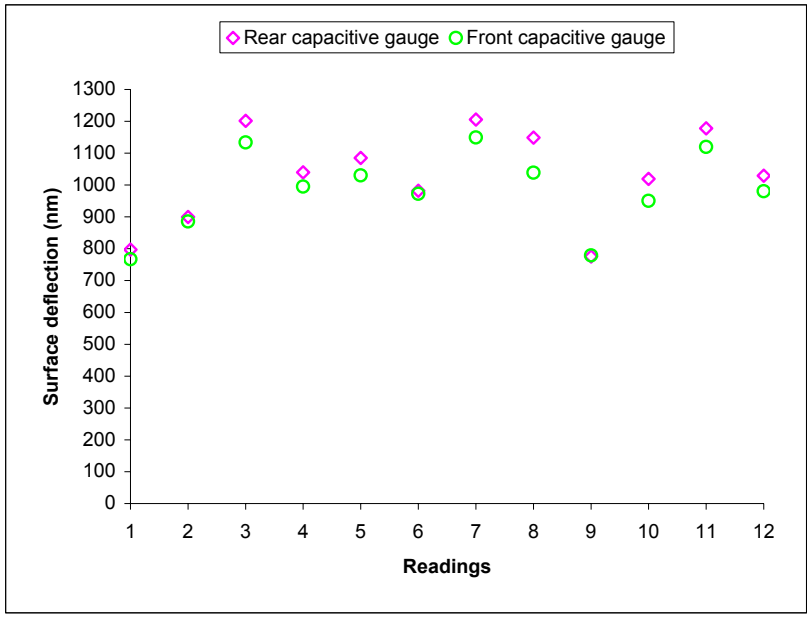
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.50455	1.62931	7.52484	7.47520	7.54931	7.50457	34.496	769.4	738.2	753.8
2	1.50329	1.62851	7.41184	7.36486	7.44568	7.40225	34.623	728.2	716.6	722.4
3	1.50383	1.63309	7.27249	7.22118	7.31573	7.27072	35.741	795.3	742.7	769.0
4	1.49913	1.62317	7.19559	7.14256	7.17238	7.12773	34.297	822.0	736.7	779.4
5	1.50318	1.62997	6.95590	6.91016	7.02108	6.98073	35.058	709.0	665.8	687.4
6	1.50629	1.63185	6.82566	6.78235	6.90191	6.86306	34.717	671.3	641.0	656.2
7	1.50237	1.62970	6.61662	6.57451	6.70462	6.66723	35.207	652.7	616.9	634.8
8	1.49936	1.62316	7.09948	7.04437	7.08948	7.04012	34.231	854.2	814.4	834.3
9	1.49927	1.62474	7.36301	7.31901	7.32739	7.28946	34.693	682.0	625.8	653.9
10	1.49866	1.62438	7.13843	7.09437	7.12693	7.08947	34.762	682.9	618.1	650.5
11	1.49854	1.62419	6.91424	6.85567	6.91832	6.86827	34.742	907.8	825.8	866.8
12	1.49764	1.62352	7.05539	7.00601	7.05064	7.00589	34.806	765.4	738.4	751.9
								753.4	**706.7**	



RESULTS			
34.781	*Ave. change of load*	*Ave. resultant deflec.*	**730.0**
		and its standard devia.	**75.7**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A1C* SURFACE USING 55g DEAD-WEIGHT

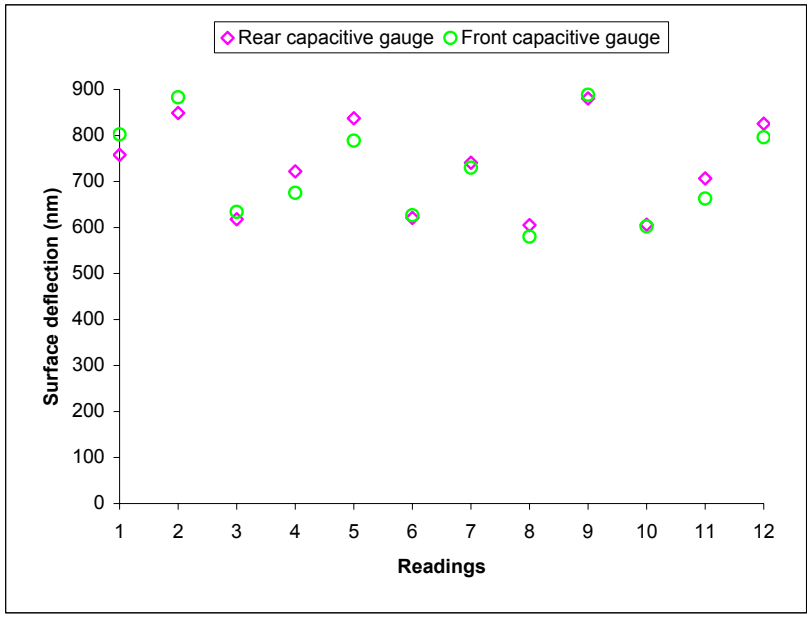
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.49464	1.68868	6.97171	6.92029	6.98165	6.93516	53.652	797.0	767.1	782.1
2	1.50061	1.70541	6.92404	6.86601	6.96245	6.90879	56.627	899.5	885.4	892.5
3	1.49710	1.69923	7.30452	7.22700	7.32436	7.25566	55.889	1201.6	1133.6	1167.6
4	1.49988	1.70160	7.83076	7.76368	7.81262	7.75231	55.776	1039.7	995.1	1017.4
5	1.49851	1.69963	7.44367	7.37368	7.45370	7.39125	55.610	1084.8	1030.4	1057.6
6	1.49427	1.69187	6.98229	6.91894	7.03323	6.97430	54.637	981.9	972.3	977.1
7	1.49934	1.69888	6.37947	6.30168	6.45554	6.38590	55.173	1205.7	1149.1	1177.4
8	1.49433	1.68914	6.62464	6.55051	6.69386	6.63091	53.865	1149.0	1038.7	1093.9
9	1.49669	1.69270	6.86094	6.81091	6.88046	6.83325	54.197	775.5	779.0	777.3
10	1.49500	1.69139	6.96653	6.90077	7.01156	6.95395	54.302	1019.3	950.6	985.0
11	1.49943	1.69929	7.20566	7.12968	7.23195	7.16408	55.262	1177.7	1119.9	1148.8
12	1.49786	1.69604	7.00582	6.93943	7.02004	6.96062	54.797	1029.0	980.4	1004.7
								1030.1	**983.5**	



RESULTS			
54.982	*Ave. change of load*	*Ave. resultant deflec.*	**1006.8**
		and its standard devia.	**135.9**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A1D* SURFACE USING 15g DEAD-WEIGHT

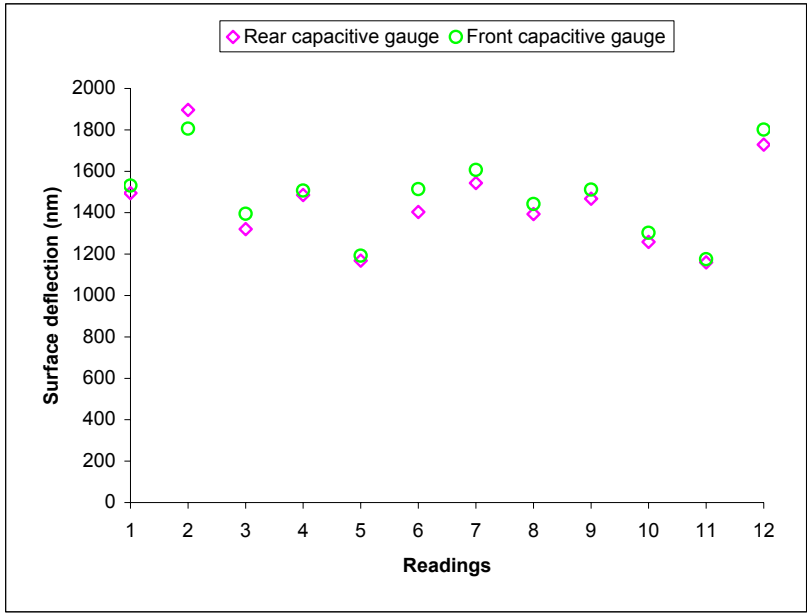
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.50686	1.56305	6.82627	6.77739	6.74558	6.69696	15.537	757.6	802.2	779.9
2	1.50755	1.56552	6.58557	6.53081	6.51827	6.46477	16.029	848.8	882.8	865.8
3	1.50906	1.56203	6.26062	6.22074	6.21045	6.17204	14.646	618.1	633.8	626.0
4	1.51854	1.57393	6.28448	6.23789	6.42643	6.38551	15.315	722.1	675.2	698.7
5	1.51336	1.56884	6.37913	6.32510	6.51638	6.46858	15.340	837.5	788.7	813.1
6	1.51673	1.57241	7.35326	7.31320	7.28314	7.24517	15.396	620.9	626.5	623.7
7	1.51669	1.57265	6.47322	6.42542	6.56205	6.51780	15.473	740.9	730.1	735.5
8	1.51616	1.57158	6.81209	6.77305	6.88616	6.85100	15.324	605.1	580.1	592.6
9	1.51039	1.56520	7.70477	7.64797	7.59806	7.54421	15.155	880.4	888.5	884.5
10	1.51743	1.57324	7.07651	7.03740	7.12814	7.09163	15.432	606.2	602.4	604.3
11	1.51463	1.57228	6.87419	6.82860	6.97829	6.93811	15.940	706.6	663.0	684.8
12	1.51405	1.57126	6.74355	6.69029	6.85555	6.80730	15.819	825.5	796.1	810.8
								730.8	**722.5**	



RESULTS			
15.451	*Ave. change of load*	*Ave. resultant deflec.*	**726.6**
		and its standard devia.	**103.5**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A1D* SURFACE USING 35g DEAD-WEIGHT

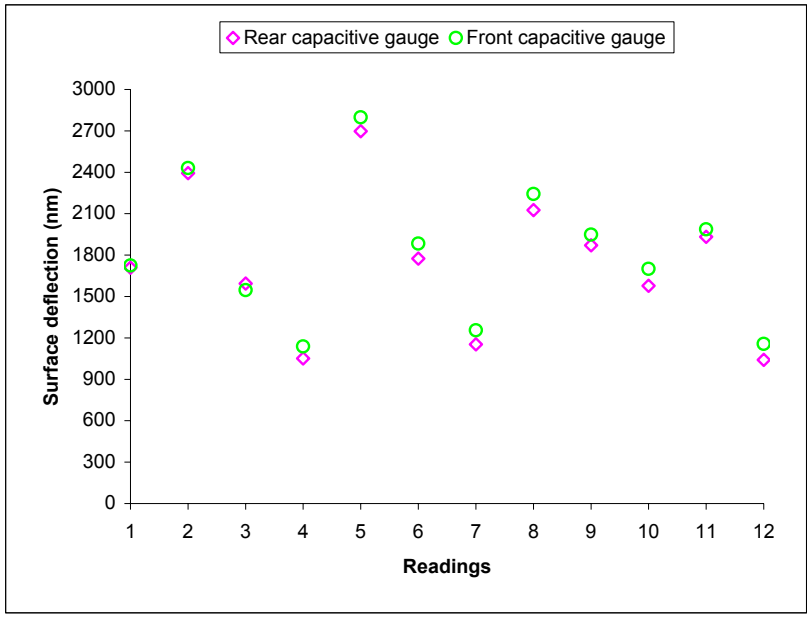
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.52267	1.64836	6.91862	6.82220	6.89300	6.80023	34.753	1494.5	1530.7	1512.6
2	1.52370	1.65712	6.72379	6.60146	6.71114	6.60169	36.891	1896.1	1805.9	1851.0
3	1.52418	1.65219	7.01800	6.93280	7.04816	6.96362	35.395	1320.6	1394.9	1357.8
4	1.52466	1.65949	6.46440	6.36855	6.46359	6.37226	37.281	1485.7	1506.9	1496.3
5	1.52617	1.65999	6.34413	6.26876	6.34821	6.27595	37.001	1168.2	1192.3	1180.3
6	1.52692	1.65712	7.12950	7.03898	7.15219	7.06044	36.000	1403.1	1513.9	1458.5
7	1.52345	1.65786	7.14935	7.04981	7.06527	6.96788	37.165	1542.9	1606.9	1574.9
8	1.52416	1.65854	7.06711	6.97721	6.98635	6.89894	37.156	1393.4	1442.3	1417.9
9	1.52659	1.66154	6.92493	6.83027	6.84983	6.75820	37.314	1467.2	1511.9	1489.6
10	1.52781	1.66058	6.76622	6.68499	6.84549	6.76654	36.711	1259.1	1302.7	1280.9
11	1.52727	1.66089	6.42626	6.35144	6.52793	6.45670	36.946	1159.7	1175.3	1167.5
12	1.52353	1.65355	6.50274	6.39122	6.56730	6.45812	35.951	1728.6	1801.5	1765.1
								1443.3	**1482.1**	



RESULTS			
36.547	*Ave. change of load*	*Ave. resultant deflec.*	**1462.7**
		and its standard devia.	**207.2**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A1D* SURFACE USING 55g DEAD-WEIGHT

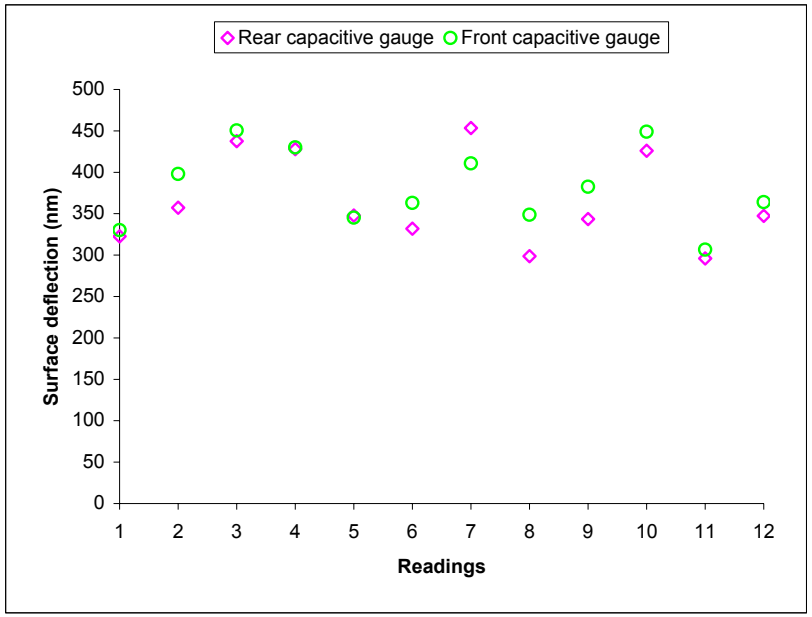
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.52356	1.72996	7.43382	7.32355	7.38423	7.27966	57.070	1709.2	1725.4	1717.3
2	1.52561	1.73312	7.72319	7.56877	7.65388	7.50656	57.377	2393.5	2430.8	2412.2
3	1.53129	1.73787	6.77902	6.67619	6.83428	6.74055	57.120	1593.9	1546.5	1570.2
4	1.52920	1.73758	6.95251	6.88466	6.95663	6.88763	57.617	1051.7	1138.5	1095.1
5	1.52960	1.73793	7.30450	7.13047	7.28462	7.11503	57.603	2697.5	2798.2	2747.9
6	1.52719	1.73473	7.15300	7.03852	7.14284	7.02870	57.385	1774.4	1883.3	1828.9
7	1.53163	1.74080	7.50060	7.42617	7.46486	7.38879	57.836	1153.7	1255.2	1204.5
8	1.52969	1.73953	7.59935	7.46217	7.55726	7.42134	58.021	2126.3	2242.7	2184.5
9	1.52964	1.73964	7.78255	7.66185	7.72465	7.60658	58.065	1870.8	1948.2	1909.5
10	1.52786	1.73737	7.91560	7.81385	7.84709	7.74406	57.930	1577.1	1700.0	1638.6
11	1.52734	1.73110	7.50346	7.37881	7.43523	7.31479	56.340	1932.1	1987.3	1959.7
12	1.52717	1.73453	7.84383	7.77665	7.73370	7.66359	57.335	1041.3	1156.8	1099.1
								1743.5	**1817.7**	



RESULTS			
57.475	*Ave. change of load*	*Ave. resultant deflec.*	**1780.6**
		and its standard devia.	**512.0**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A2C* SURFACE USING 15g DEAD-WEIGHT

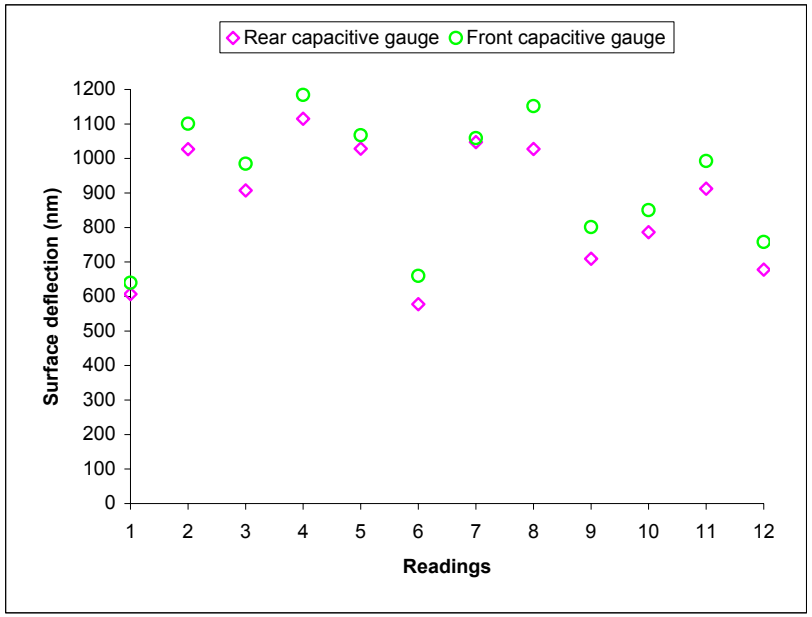
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.46756	1.52202	7.22859	7.20777	7.25117	7.23116	15.058	322.7	330.2	326.5
2	1.46340	1.51887	7.28554	7.26249	7.30485	7.28073	15.338	357.3	398.0	377.7
3	1.46912	1.52491	7.94738	7.91915	7.87153	7.84422	15.426	437.6	450.6	444.1
4	1.46744	1.52415	7.42972	7.40211	7.38204	7.35598	15.680	428.0	430.0	429.0
5	1.46985	1.52458	7.59225	7.56981	7.53166	7.51073	15.133	347.8	345.3	346.6
6	1.46621	1.51936	6.68116	6.65975	6.71285	6.69085	14.696	331.9	363.0	347.5
7	1.46730	1.51678	6.79646	6.76721	6.81943	6.79453	13.681	453.4	410.8	432.1
8	1.46821	1.52087	7.00847	6.98920	6.96248	6.94134	14.561	298.7	348.8	323.8
9	1.46914	1.52216	7.58464	7.56247	7.51153	7.48835	14.660	343.6	382.5	363.1
10	1.46547	1.51883	7.10982	7.08233	7.09997	7.07276	14.754	426.1	449.0	437.6
11	1.46614	1.51853	7.20788	7.18879	7.19319	7.17461	14.486	295.9	306.6	301.3
12	1.46756	1.52370	7.76856	7.74615	7.70499	7.68293	15.523	347.4	364.0	355.7
								365.9	**381.6**	



RESULTS			
14.916	*Ave. change of load*	*Ave. resultant deflec.*	**373.7**
		and its standard devia.	**49.9**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A2C* SURFACE USING 35g DEAD-WEIGHT

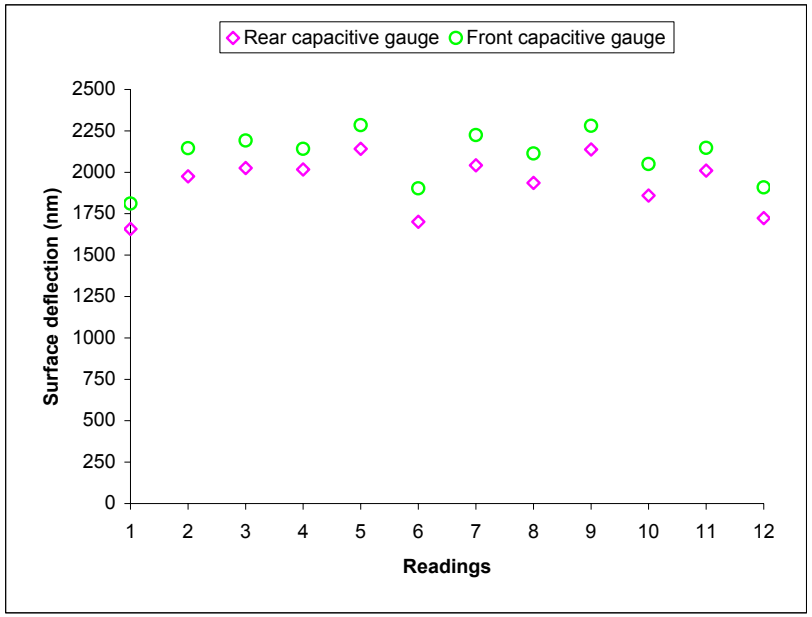
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.46229	1.58383	6.88280	6.84365	6.92104	6.88225	33.606	606.8	640.0	623.4
2	1.46312	1.59088	6.93920	6.87294	6.97379	6.90706	35.326	1027.0	1101.0	1064.0
3	1.46586	1.58913	7.08047	7.02192	7.10812	7.04844	34.084	907.5	984.7	946.1
4	1.46819	1.59763	7.96978	7.89784	7.93002	7.85824	35.790	1115.1	1184.4	1149.8
5	1.46481	1.59410	7.15560	7.08926	7.17865	7.11397	35.749	1028.3	1067.2	1047.8
6	1.46570	1.58829	7.26563	7.22835	7.28788	7.24788	33.896	577.8	660.0	618.9
7	1.46482	1.59447	7.45735	7.38976	7.46602	7.40183	35.848	1047.6	1059.1	1053.4
8	1.46596	1.59548	6.89971	6.83341	6.92764	6.85783	35.812	1027.7	1151.9	1089.8
9	1.46644	1.59056	6.94768	6.90192	6.97329	6.92472	34.319	709.3	801.4	755.4
10	1.46658	1.59610	7.71097	7.66022	7.69167	7.64012	35.812	786.6	850.6	818.6
11	1.47050	1.59479	7.22301	7.16414	7.22661	7.16644	34.366	912.5	992.8	952.7
12	1.46714	1.59254	7.17505	7.13131	7.19440	7.14844	34.673	678.0	758.3	718.2
								868.7	**937.6**	



RESULTS			
34.940	*Ave. change of load*	*Ave. resultant deflec.*	**903.2**
		and its standard devia.	**188.7**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A2C* SURFACE USING 55g DEAD-WEIGHT

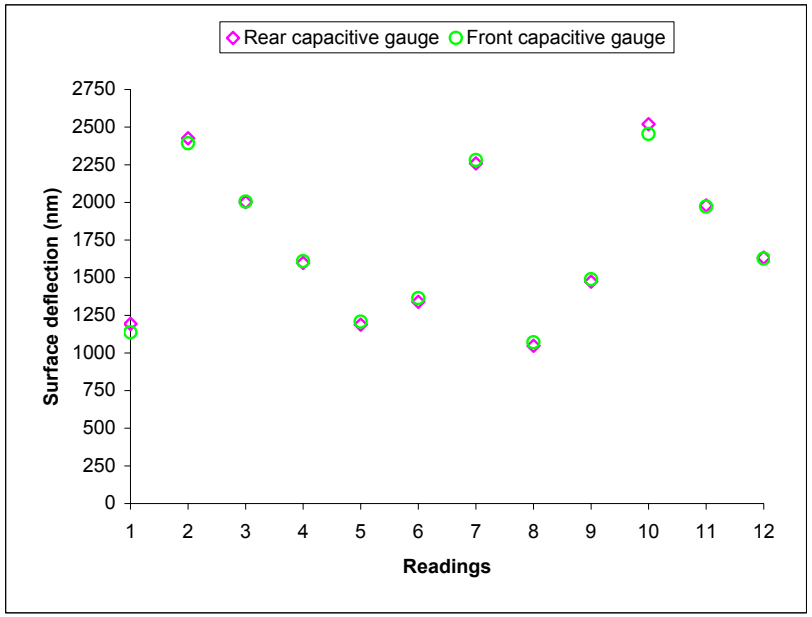
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.45717	1.65838	7.17637	7.06943	7.14078	7.03099	55.635	1657.6	1811.5	1734.6
2	1.45649	1.65940	7.29576	7.16830	7.25005	7.12002	56.105	1975.6	2145.5	2060.6
3	1.45934	1.66192	7.39661	7.26591	7.34351	7.21065	56.014	2025.9	2192.2	2109.1
4	1.46282	1.66535	7.45057	7.32043	7.44785	7.31804	56.000	2017.2	2141.9	2079.6
5	1.45548	1.65691	7.50300	7.36484	7.48052	7.34207	55.696	2141.5	2284.4	2213.0
6	1.45613	1.66022	7.63567	7.52591	7.60218	7.48684	56.431	1701.3	1903.1	1802.2
7	1.45903	1.66517	6.55231	6.42056	6.57257	6.43773	56.998	2042.1	2224.9	2133.5
8	1.45536	1.65839	6.60717	6.48229	6.61429	6.48620	56.138	1935.6	2113.5	2024.6
9	1.45897	1.66434	6.60903	6.47113	6.58058	6.44237	56.785	2137.5	2280.5	2209.0
10	1.45700	1.66370	6.78887	6.66890	6.73906	6.61485	57.153	1859.5	2049.5	1954.5
11	1.45453	1.65777	7.47918	7.34946	7.43979	7.30964	56.196	2010.7	2147.5	2079.1
12	1.45425	1.65880	7.45366	7.34247	7.46161	7.34594	56.558	1723.4	1908.6	1816.0
								1935.7	**2100.3**	



RESULTS			
56.309	*Ave. change of load*	*Ave. resultant deflec.*	**2018.0**
		and its standard devia.	**158.8**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A2D* SURFACE USING 15g DEAD-WEIGHT

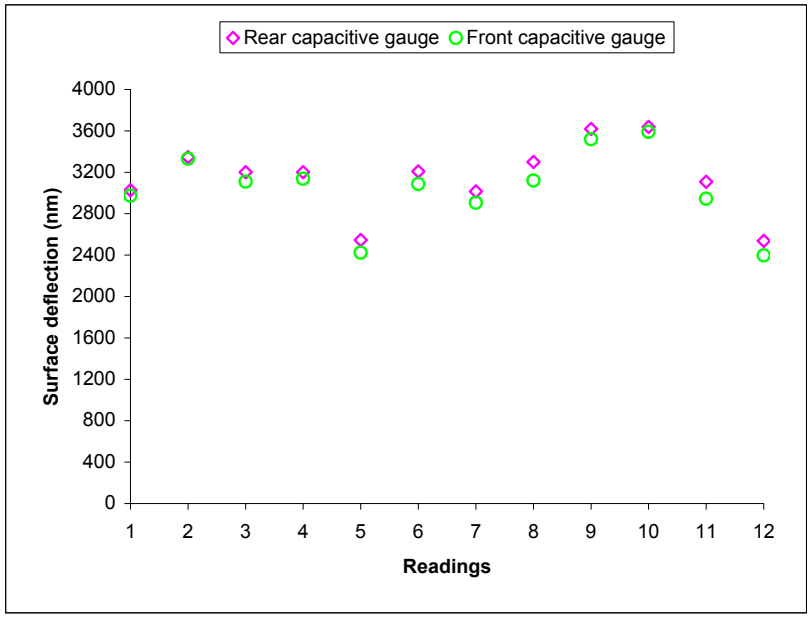
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.43170	1.48414	6.56790	6.49088	6.53213	6.46321	14.500	1193.8	1137.2	1165.5
2	1.43008	1.48233	6.88964	6.73313	6.83674	6.69170	14.447	2425.9	2393.2	2409.6
3	1.43073	1.48876	6.66764	6.53847	6.63676	6.51522	16.045	2002.1	2005.4	2003.8
4	1.42747	1.47965	6.44571	6.34261	6.41553	6.31798	14.428	1598.1	1609.6	1603.9
5	1.43262	1.48227	6.28005	6.20341	6.25825	6.18502	13.728	1187.9	1208.3	1198.1
6	1.42806	1.47327	7.00942	6.92294	6.98182	6.89912	12.501	1340.4	1364.6	1352.5
7	1.42635	1.47712	6.99284	6.84710	6.96562	6.82734	14.038	2259.0	2281.6	2270.3
8	1.42860	1.47487	6.57601	6.50842	6.56926	6.50437	12.794	1047.6	1070.7	1059.2
9	1.42843	1.48191	6.50659	6.41154	6.50486	6.41455	14.787	1473.3	1490.1	1481.7
10	1.42852	1.48321	6.67312	6.51055	6.63397	6.48523	15.122	2519.8	2454.2	2487.0
11	1.42434	1.47565	6.89484	6.76712	6.84222	6.72269	14.187	1979.7	1972.2	1976.0
12	1.42939	1.48348	6.78951	6.68414	6.74512	6.64653	14.956	1633.2	1626.7	1630.0
								1721.7	**1717.8**	



RESULTS			
14.294	*Ave. change of load*	*Ave. resultant deflec.*	**1719.8**
		and its standard devia.	**499.3**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A2D* SURFACE USING 35g DEAD-WEIGHT

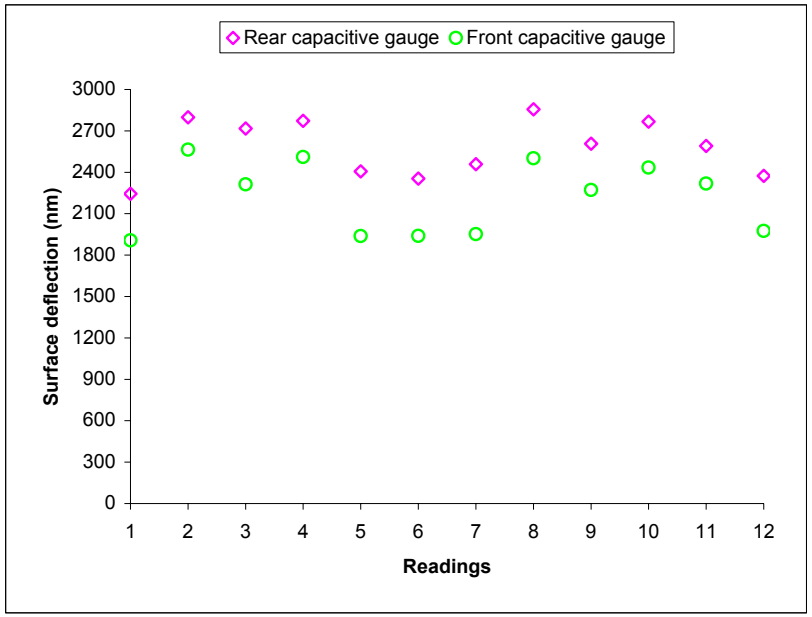
Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.44467	1.56142	6.84764	6.65239	6.81970	6.63951	32.281	3026.4	2973.1	2999.8
2	1.44300	1.56591	6.74471	6.52880	6.70528	6.50337	33.985	3346.6	3331.5	3339.1
3	1.44023	1.56186	6.52106	6.31456	6.47962	6.29119	33.631	3200.8	3109.1	3155.0
4	1.44393	1.56805	6.23359	6.02709	6.20804	6.01789	34.319	3200.8	3137.5	3169.2
5	1.44650	1.56789	7.02011	6.85584	6.99280	6.84594	33.564	2546.2	2423.2	2484.7
6	1.44263	1.57206	6.96521	6.75824	6.94248	6.75543	35.788	3208.0	3086.3	3147.2
7	1.44412	1.57610	6.80281	6.60826	6.78897	6.61290	36.493	3015.5	2905.2	2960.4
8	1.44422	1.57286	6.98862	6.77576	6.94327	6.75415	35.569	3299.3	3120.5	3209.9
9	1.44271	1.57084	6.89473	6.66132	6.84519	6.63194	35.428	3617.9	3518.6	3568.3
10	1.44242	1.57208	6.51208	6.27739	6.48081	6.26319	35.851	3637.7	3590.7	3614.2
11	1.44193	1.57289	7.50562	7.30512	7.42336	7.24493	36.211	3107.8	2944.1	3026.0
12	1.44529	1.57384	6.33927	6.17557	6.34465	6.19941	35.544	2537.4	2396.5	2467.0
								3145.4	**3044.7**	



RESULTS			
34.889	*Ave. change of load*	*Ave. resultant deflec.*	**3095.0**
		and its standard devia.	**353.8**

DIFFERENT-POINT REPEATED CONTACTS WITH 3MM TIP ON *A2D* SURFACE USING 55g DEAD-WEIGHT

Readings	Mean voltage of loadcell		Mean voltage of rear capacitive gauge		Mean voltage of front capacitive gauge		Change of load on surface (g)	Rear capacitive gauge displacement (nm)	Front capacitive gauge displacement (nm)	Resultant deflection at contact tip (μm)
	before loading	after loading	before loading	after loading	before loading	after loading				
1	1.44822	1.65221	6.74366	6.59890	6.71258	6.59703	56.403	2243.8	1906.6	2075.2
2	1.45054	1.65741	7.13860	6.95810	7.09584	6.94047	57.200	2797.8	2563.6	2680.7
3	1.44830	1.65044	6.31630	6.14102	6.31253	6.17239	55.892	2716.8	2312.3	2514.6
4	1.45036	1.65578	7.21727	7.03836	7.16327	7.01112	56.799	2773.1	2510.5	2641.8
5	1.44773	1.65460	6.57365	6.41837	6.55007	6.43259	57.200	2406.8	1938.4	2172.6
6	1.44842	1.65272	6.41622	6.26436	6.39832	6.28079	56.489	2353.8	1939.2	2146.5
7	1.44468	1.64954	7.12577	6.96716	7.10053	6.98222	56.644	2458.5	1952.1	2205.3
8	1.44802	1.64961	6.57160	6.38732	6.57201	6.42039	55.740	2856.3	2501.7	2679.0
9	1.44740	1.65193	6.91531	6.74714	6.85556	6.71788	56.553	2606.6	2271.7	2439.2
10	1.44915	1.65180	6.68978	6.51127	6.64477	6.49722	56.033	2766.9	2434.6	2600.8
11	1.44816	1.65011	7.53837	7.37121	7.49554	7.35506	55.839	2591.0	2317.9	2454.5
12	1.45024	1.65578	7.39394	7.24079	7.33808	7.21840	56.832	2373.8	1974.7	2174.3
								2578.8	**2218.6**	



RESULTS			
56.469	*Ave. change of load*	*Ave. resultant deflec.*	**2398.7**
		and its standard devia.	**230.3**