

# CAL-校准前



New Calibration

Statistics

Statistics	
Name	Values
Position Average	0.6209
Position Max	0.9968
Position RMS	0.6706
Orientation Average	0
Orientation Max	0
Orientation RMS	0
Robustness	0

Results

Base						
Name	X	Y	Z	Rz	Ry	Rx
Base	3783.8695	1888.4613	63.2584	-63.2966	0.5894	0.2756

Tool						
Name	X	Y	Z	Rz	Ry	Rx
Tool	-3.0974	12.2589	26.4622	-0.0001	0	0

Denavit-Hartenberg				
Name	Alpha	A	D	Theta
Link1	0	0	98.5	180
Link2	-90	0	121.5	-90
Link3	180	408	0	0
Link4	180	376	0	-90
Link5	-90	0	102.5	0
Link6	90	0	94	0

Joints										
Name	UpperLimit	LowerLimit	MaxVel	MaxAcc	IsLinear	IsCoupled	CoupledIndex	CoupledSign	CouplingRatio	ReductionRatio
Joint1	90	-95	180	180	0	0	0	0	0	1
Joint2	180	-100	180	180	0	0	0	0	0	1
Joint3	180	-75	180	180	0	0	0	0	0	1
Joint4	180	-120	180	180	0	0	0	0	0	1
Joint5	180	-85	180	180	0	0	0	0	0	1
Joint6	180	-175	180	180	0	0	0	0	0	1

Poses

Poses											
Name	Nominal X	Nominal Y	Nominal Z	Nominal Rx	Nominal Ry	Nominal Rz	Measure X	Measure Y	Measure Z	Residuals	Pos
Motion1	3776.2865	1395.7122	481.4052	-176.6601	-12.6461	-0.0708	3775.7712	1395.9873	481.5806	0.6099	
Motion2	3830.2753	1419.779	652.5064	-173.4311	-2.7805	-4.0277	3830.2068	1420.1509	652.6333	0.3988	
Motion3	3802.7114	1541.9469	555.9211	-174.8938	-28.9822	-22.3412	3802.4262	1542.5011	556.076	0.6422	
Motion4	3692.0196	1299.9542	492.7647	-176.4048	-3.4114	-6.7708	3692.3195	1299.6556	492.7333	0.4243	
Motion5	3787.7308	1441.9668	617.4959	-174.1542	-6.2084	19.6897	3788.2108	1442.238	617.6776	0.5805	
Motion6	3867.5341	1313.2835	718.5872	-171.1868	-24.0764	-32.5786	3867.9228	1313.1837	718.8783	0.4958	
Motion7	3560.8342	1317.8299	634.7759	-173.518	-10.2468	-23.6064	3560.2118	1317.7304	634.4182	0.7247	
Motion8	3864.3178	1372.4436	621.6617	-173.5878	-18.8623	8.6956	3864.9398	1372.4958	621.8381	0.6486	
Motion9	3920.6342	1198.4895	597.3139	-173.2083	-29.5598	-23.6321	3921.1091	1197.8611	597.2637	0.7893	
Motion10	3634.7371	1443.3535	555.6359	-175.276	-11.4682	-12.3005	3633.9887	1443.9334	555.5113	0.955	
Motion11	3632.051	1199.4375	512.5707	-175.4643	-23.5767	-3.1601	3631.1874	1199.2392	512.1231	0.9928	
Motion12	3781.692	1414.9299	587.609	-174.7367	-2.1958	25.1484	3781.0986	1415.399	587.6979	0.7616	
Motion13	3679.1005	1326.6644	479.8765	-176.5141	-18.5411	-5.0568	3678.3379	1326.8253	479.7424	0.7909	
Motion14	3812.8641	1170.6032	477.4806	-176.1789	-26.2284	-16.9681	3812.4841	1170.137	477.2499	0.6442	
Motion15	3684.1599	1313.9723	502.9987	-175.8041	-25.5501	10.5727	3684.0434	1313.613	502.8465	0.4072	
Motion16	3787.3795	1402.985	550.6216	-175.3268	-13.7628	29.501	3787.6559	1403.0119	550.7696	0.3147	
Motion17	3651.4957	1432.4199	623.7344	-174.0215	-7.4249	-22.8535	3651.687	1432.4009	623.7398	0.1923	
Motion18	3810.1224	1272.3266	481.4955	-176.4938	-16.9978	24.7509	3810.4912	1271.9512	481.5068	0.5263	
Motion19	3925.657	1360.0517	631.3616	-173.4682	-15.7226	-2.7342	3926.5814	1360.094	631.5548	0.9453	
Motion20	3545.0692	1334.4228	549.8277	-175.3799	-2.5141	28.8977	3544.4036	1334.348	549.4303	0.7788	
Motion21	3833.0399	1441.2022	658.4953	-172.7919	-22.8297	1.221	3833.6126	1441.4912	658.7431	0.6877	
Motion22	3696.4239	1435.8445	614.6818	-173.5768	-25.6432	13.3682	3696.224	1435.8822	614.7047	0.2047	
Motion23	3765.8912	1427.0539	725.0537	-171.1551	-27.0692	-30.31	3766.3241	1427.2098	725.3249	0.534	
Motion24	3733.0391	1478.2287	668.9661	-173.1201	-13.503	25.8861	3732.9668	1478.6392	669.1532	0.457	
Motion25	3825.3392	1267.7086	461.2847	-176.5672	-29.3608	6.5479	3825.8578	1267.1834	461.2074	0.7421	
Motion26	3609.0995	1325.0744	486.2129	-176.1749	-27.7387	22.7768	3608.6827	1324.7687	486.0339	0.547	
Motion27	3992.8437	1215.7716	467.8601	-176.757	-11.8811	10.7854	3993.7067	1215.3505	467.7067	0.9725	
Motion28	3682.6275	1452.0317	532.1512	-175.2842	-27.4935	3.7479	3681.7718	1452.537	532.0729	0.9968	
Motion29	3846.158	1278.5161	578.7327	-174.517	-12.5326	23.0807	3846.4713	1278.262	578.7674	0.4048	
Motion30	3916.3846	1295.818	640.6661	-173.3498	-6.4162	6.7106	3916.8243	1295.7412	640.763	0.4568	

Poses

Correlation											
Base: X	Base: Y	Base: Z	Base: Rx	Base: Ry	Base: Rz	Tool: X	Tool: Y	Tool: Z	Tool: Rx	Tool: Ry	Tool: Rz
Base: X	1	-0.3084	-0.7849	-0.03	0.1243	-0.0253	-0.0257	-0.212	0.0151	0	0

Base: Y	-0.3084	1	-0.1188	0.1099	-0.0865	-0.2096	0.1492	0.2006	-0.2508	0	0	0
Base: Z	-0.7849	-0.1188	1	0.0125	0.0133	-0.0519	0.0264	0.0875	-0.0406	0	0	0
Base: Rx	-0.03	0.1099	0.0125	1	-0.2436	-0.0163	0.9645	0.2053	-0.7261	0	0	0
Base: Ry	0.1243	-0.0865	0.0133	-0.2436	1	0.18	-0.325	-0.9304	0.3066	0	0	0
Base: Rz	-0.0253	-0.2096	-0.0519	-0.0163	0.18	1	-0.2726	-0.5057	0.6927	0	0	0
Tool: X	-0.0257	0.1492	0.0264	0.9645	-0.325	-0.2726	1	0.3651	-0.8785	0	0	0
Tool: Y	-0.212	0.2006	0.0875	0.2053	-0.9304	-0.5057	0.3651	1	-0.5002	0	0	0
Tool: Z	0.0151	-0.2508	-0.0406	-0.7261	0.3066	0.6927	-0.8785	-0.5002	1	0	0	0
Tool: Rx	0	0	0	0	0	0	0	0	0	0	0	0
Tool: Ry	0	0	0	0	0	0	0	0	0	0	0	0
Tool: Rz	0	0	0	0	0	0	0	0	0	0	0	0