

NXT/AIM/AIMEX Placing accuracy of the machine

Customer: AIMEX
 Module type: AIMEX2-SA-XN000113
 Head XNo: H12HS
 Tool XNo: 009697

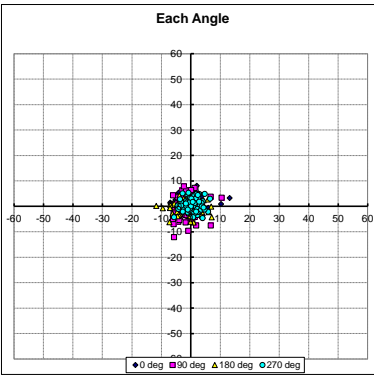
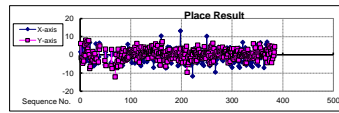
Product No:
 Total SeqNum: 384
 Measure SeqNum: 354
 Parts Type: 1005 PAM
 Measurement mode: Pam mode

Approval	Charge

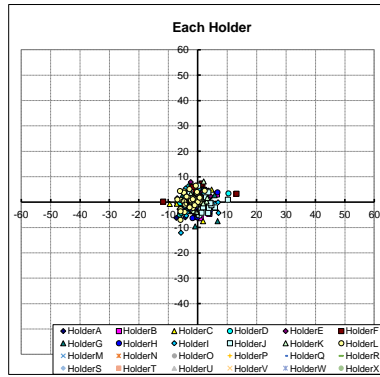
3σ許容値をM6SP用にする

Ave + 3Sigma	X	Y
Cpk	5.126	5.700
CPK coef = 50		
Cp value	5.165	5.727

Total	(X,Y[um] Q(deg))		
	X	Y	Q
Average	0	0	0.033
3Sigma	10	9	0.913
Maximum	13	8	0.891
Minimum	-12	-12	-2.131

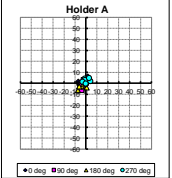


Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	0	1	0.071	11	8	0.965
90	-1	0	-0.012	8	12	1.118
180	-1	0	0.039	11	7	0.877
270	1	1	0.033	7	7	0.604

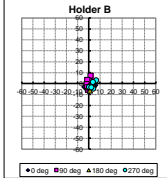


Holder	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
A	-2	0	0.148	9	9	0.813
B	1	-1	-0.024	7	9	0.968
C	-2	0	0.155	10	8	0.746
D	-2	0	-0.060	10	9	1.571
E	0	2	0.036	6	8	0.529
F	-1	0	0.120	12	8	0.914
G	1	0	-0.009	8	10	0.853
H	0	0	-0.006	8	8	0.931
I	1	1	-0.092	10	11	0.770
J	2	0	-0.010	8	8	0.774
K	-1	1	0.061	6	7	0.675
L	-3	1	0.056	7	9	0.925

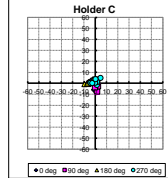
Each holder and angle



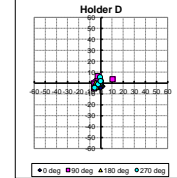
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-3	1	0.414			
90	-2	-1	-0.038			
180	-3	-2	0.101			
270	0	2	0.116			



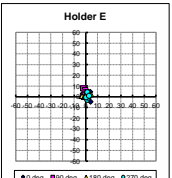
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	0	1	0.061			
90	0	1	-0.061			
180	-3	-2	-0.090			
270	3	-2	-0.004			



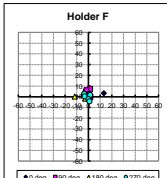
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-2	0	0.000			
90	1	-1	0.215			
180	-6	1	0.240			
270	0	1	0.085			



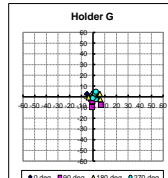
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	8	9	1.357			
90	16	12	2.523			
180	6	5	0.971			
270	6	9	1.045			



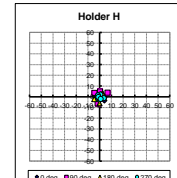
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-1	2	0.035			
90	-1	3	0.132			
180	0	1	0.033			
270	1	1	-0.055			



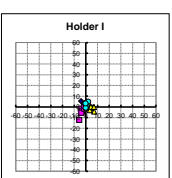
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	1	1	-0.027			
90	0	3	-0.016			
180	-4	1	0.342			
270	-1	0	0.215			



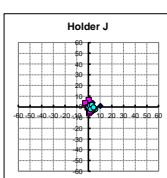
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-1	-3	0.132			
90	2	-2	0.090			
180	2	0	-0.115			
270	1	1	-0.153			



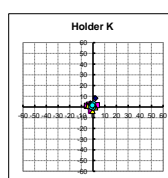
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	1	-1	0.161			
90	0	1	0.104			
180	1	0	-0.188			
270	0	-1	-0.073			



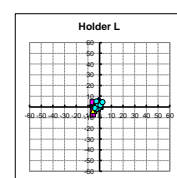
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-4	1	0.121			
90	-2	-3	-0.244			
180	4	-1	-0.122			
270	0	2	0.096			



Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	17	8	1.414			
90	4	9	0.319			
180	12	7	0.735			
270	6	8	0.329			



Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	1	0	0.140			
90	-1	0	-0.020			
180	2	0	-0.257			
270	3	0	0.117			



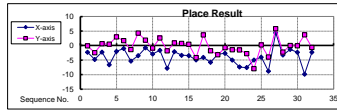
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	8	6	1.004			
90	8	6	0.698			
180	6	6	0.422			
270	2	4	0.268			

NXT/AIM/AIMEX Placing accuracy of the machine

Customer: AIMEX
 Module type: AIMEX2-SB-XN000113
 Head XNo: H08M
 Tool XNo: 001072

Product No: 32
 Total SeqNum: 32
 Measure SeqNum: Glass Parts
 Parts Type: Measurement mod Pam mode

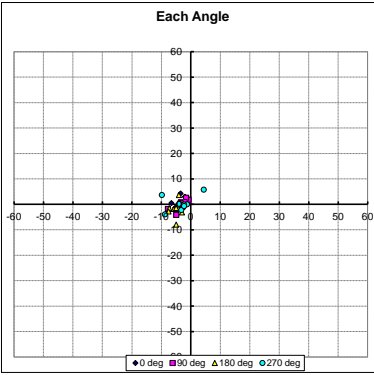
Approval	Charge



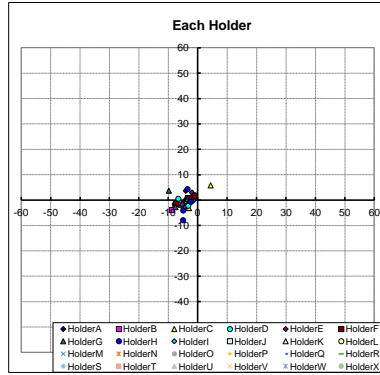
3σ許容値をMSP用にする

Ave + 3Sigma	X	Y
Cpk	4.367	4.761
CPK coeff = 40		
Cp value	4.829	4.786

Total	(X,Y[um] Q[deg])		
	X	Y	Q
Average	-4	0	0.011
3Sigma	8	8	0.077
Maximum	4	6	0.066
Minimum	-10	-8	-0.054

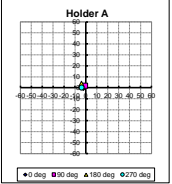


Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-3	1	0.009	6	7	0.093
90	-3	0	0.017	7	7	0.052
180	-5	-2	0.021	5	10	0.056
270	-3	0	-0.003	13	9	0.092

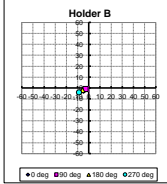


Holder	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
A	-3	1	0.011	5	5	0.048
B	-8	-2	-0.009	7	4	0.092
C	-1	1	0.009	10	11	0.097
D	-5	-1	0.009	8	4	0.076
E	-3	1	0.006	5	6	0.045
F	-3	0	0.010	8	4	0.093
G	-7	0	0.015	8	8	0.050
H	-4	-2	0.037	4	16	0.095

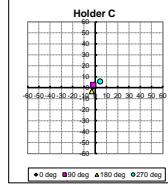
Each holder and angle



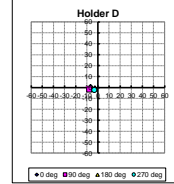
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-2	0	0.002	0	0	0.000
90	-1	2	-0.006	0	0	0.000
180	-4	4	0.014	0	0	0.000
270	-1	0	0.051	0	0	0.000



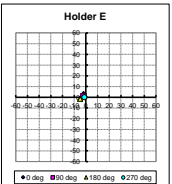
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-5	-2	0.001	0	0	0.000
90	-3	-1	0.011	0	0	0.000
180	-6	-2	0.007	0	0	0.000
270	-3	-4	-0.054	0	0	0.000



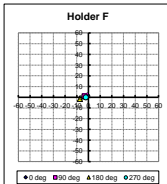
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-2	-1	0.030	0	0	0.000
90	-3	-3	0.028	0	0	0.000
180	-3	-3	0.016	0	0	0.000
270	4	0	-0.039	0	0	0.000



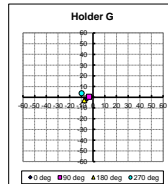
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-7	0	-0.024	0	0	0.000
90	-2	-3	0.028	0	0	0.000
180	-3	-3	0.016	0	0	0.000
270	-3	-1	-0.001	0	0	0.000



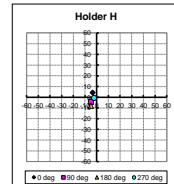
Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-2	3	0.008	0	0	0.000
90	-2	-1	-0.011	0	0	0.000
180	-5	-1	0.028	0	0	0.000
270	-1	0	-0.001	0	0	0.000



Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-1	2	-0.034	0	0	0.000
90	-3	1	0.034	0	0	0.000
180	-7	-1	0.028	0	0	0.000
270	-2	0	0.012	0	0	0.000



Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-5	-1	0.019	0	0	0.000
90	-3	0	0.032	0	0	0.000
180	-8	-3	0.015	0	0	0.000
270	-10	4	-0.008	0	0	0.000



Degree	Average			3Sigma		
	X [um]	Y [um]	Q [deg]	X [um]	Y [um]	Q [deg]
0	-3	-4	0.066	0	0	0.000
90	-5	-4	0.017	0	0	0.000
180	-5	-8	0.061	0	0	0.000
270	-2	-1	-0.003	0	0	0.000