

Check List for Brewers - Izana - Aug. 26-Sept. 2, 2007 (days 240-246)

	#033 MKII	#157 MKIII	#183 MKIII	#185 MKIII
Present and final R6/R5	2130 / 3945	338 / 580	410 / 720	314 / 448
previous - R6/R5	2125 / 3940	338 / 580	400 / 705	310 / 442
difference	5 / -5	n/c	10 / 15	0 / 0
~ Ozone difference to #017				
ETC constants in use	3440 / 3650	1605 / 243	1570 / 317	1574 / 80
ETC constants at last cal	3440 / 3620	1605 / 243	1700 / 430	1574 / 80
temp etc's				
Final ETC constants 2007		n/c		n/c
Final Absn. Coef's 2007	.3365 / 1.1362	.3397 / 1.15	.3405 / 1.146	.3422 / 1.1445
Absn. Coef's in use	.3365 / 1.1362	.3397 / 1.15	.3415 / 1.146	.3422 / 1.1445
Cal step in use / new	919 / 919	1026 / 1026	1021 / 1021	284 / 284
dsp test day - to use yes	dcf24307	dcf24307	dcf24307	dcf24307.185
Dispersion differences	-5 max - ok	-8 on 1, 7 on slit 5	7 -> -13 on slit 1	-4->-16 on slit 1
Dispersion const. In use	dcf27900.033	dcf25601.157	dcf20206.183	dcf20204.185
Absn from dispersion at cal	.3433 / 1.157	.3432 / 1.1519	.345 / 1.1593	.3463 / 1.1598
Humidity control	good	good	good	good
DT present/last/settting	39 / 39 / 40	28 / 29 / 32	24 / 26 / 26	30 / 31 / 33
RS (any changes)	good	good	good	good
AP (any changes e.g. HV)	good	good	no	ok
CI with SL to 2006 scan	-55%, -40 final	-1%	+4 to +2% >350	-2% -> 2.8%
CZ on 2967 Hg line /334 (mkiii)	2966.95 / .62nm	ok, .64nm/.57nm	ok, .62nm / .57nm	ok, .63nm/.56nm
UV response in use	uvr25801.033	uvr26004.157	uvr26004	uvr26104.185
UV response diff - 2006	2-6% lower	15% lower	-4 to 1 to -8%	+3 to -4% lower
Sample DUV comparison				
GA - slit 1, slit 5 / results	n/a	.9988/-14, .9986/-3	.992/11, .992/18	.994/2, .996/5
GS constants in use	n/a	.998, -10 - ok	.9928 / 8 - ok	.995 / 2.5 - ok
TestFW2	yes	yes	yes	no
FI - FW2 test	yes	yes	yes	yes
zenith drive	ok	ok	ok	ok
Zen, HC, UV, umk, offsets	adj 26, -6, 2115	56, -1, 2226	0,-13/2210	
Mic offsets	2666 ?	7417/6020->7420/6025		
Tracker cleaned	no	no	yes	no
Lubricate/clean mics	yes	yes	yes	no
Zenith bearings check/lub.	ok	ok	ok, problem after	no
Sitings performance	good	good	variable,	good
steps/rev of tracker	14660	14684	14654	14660
Levelling of tracker			yes, f/o up 1 turn	
Other comments	new sl repl vert fil.		ze mid-gear	
	30706 Filter problem		damaged, filed	
Other comments	36306, 231 new SL		v376 upgraded	
	uv offset was 015!			
umk offset - in use / new	2402 / 2394	2439 / 2435	2430 / 2431	1688 / 1689
new uvres 2006/07	uvr28406.033	uvr28306.157	uvr28406.183	uvr28306.185
icf - 2007	icf27906.033	icf26305.157	icf27906->icf28306	icf25905.185
dcf files to use	dcf27900.033	dcf28106.157	dcf28106.183	dcf28106.185

Instrument	#033	#157	#183	#185
SL ratios 2006	2125 / 3940	338 / 580	322/562 - 400/705	310 / 442
SL ratios change from 2005	-17 / -93	n/c	-44/-141 -> 34 / 0	0 / 0
ETC constants 2006 (chg?)	3440 / 3620 (0/-30)	1605 / 243 (n/c)	1700 / 430 (60/95)	1574 / 80 (n/c)
ETC constants last cal 2005	3440 / 3650	1605 / 243	1640 / 335	1574 / 80
Cal step (old / new)	919 / 919	1026 / 1026	284 / 284 ->1021	284 / 284
Absorption Coeff's (change)	.3365/1.1362	.3397/1.15	.3405/1.146 (chg)	.3422/1.1445 (-.3%)
ICF file recommended	icf27906.033	icf26305.157	icf27906->icf28306	icf25905.185
DCF file recommended	dcf27900.033	dcf28106.157	dcf28106.183	dcf28106.185
DT present/last/setting	39 / 39 / 40	28 / 29 / 32	24 / 26 / 26	30 / 31 / 33
GS const. (change?)	n/a	.998, -10 (n/c)	.9928/8 (n/c)	.995 / 2.5 (n/c)
CI scan on SL to 2005 scan	+4%	-3 to -2%	-9 to -11%	-7% flat
CZ on 2967 / 3341 Hg lines	n/c	ok, .63nm/.57nm	ok, .62nm / .55nm	ok, .63nm/.56nm
Repairs made	lamp connector	n/c	zenith, mic const	n/c
New UV resp - INM lamps	uvr28406.033	uvr28306.157	uvr28406.183	uvr28306.185