

Quick Guide for the ImmunoWash Biorad Model 1575

(on loan from Shimadzu Institute for Research Technologies)

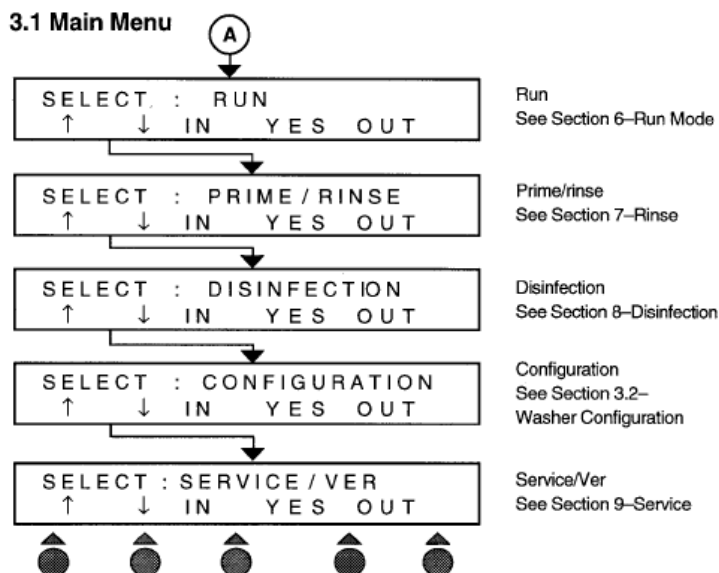
1. ALL users need training by LSCF before use
2. Sign the Logsheet before use
3. Do not change any existing protocols. You are welcome to write new protocols. The programming manual is located in the back of the log book.
4. You are responsible for cleaning up after you use it. Run 2x prime rinse cycles with the tubing connected to the rinse bottle. (ddH₂O only) Take a kimwipe and remove any remaining water in the prime/rinse reservoir. Dump the waste bottle and rinse with tap water. Turn unit off.
5. You are responsible for your own wash buffer and kimwipes. Return the cleaned wash buffer bottle to immediately after use.
6. We have the 8-channel model. Organize your 96 well plate in columns if not using the whole plate. Load washer by inserting short edge of plate to the back of the tray.
7. If the machine has been idle > 10 minutes it will prompt you to do a rinse. OK to use your wash buffer.

Operation:

On-switch located by the power cord. Use the green buttons to select “In” or “Out” to move the plate carrier.



Use the green buttons to use up or down errors to choose your menu. Always start with 2 cycles of Prime/Rinse. And use the green button to choose “Yes” Be sure the rinse and waste bottles are hooked up. When you are ready to wash select the “Run” menu. Use the up/down arrows to toggle through the available programs.

Available cycles:



Protocols (I'll need to double-check these)							
Name	Mode	Prime	Aspirate	Wash #	Buffer soak between washes?	Soak	Agitate
P01/M8	Strip	Yes	-	0	-	-	Yes
P02/M8	Strip	Yes	Yes	0	-	-	-
P03/M8	Strip	Yes	Yes	3	-	-	-
P04/M8	Strip	Yes	Yes	4	-	-	-
P05/M8	Strip	Yes	Yes	5	-	-	-
P06/M8	Strip	Yes	Yes	3	-	-	-
P07/M8	Strip	Yes	Yes	4	-	-	-
P08/M8	Strip	Yes	Yes	5	-	-	-
P09/M8	Strip	Yes	Yes	1	Yes	Yes	-
P010/M8	Strip	Yes	Yes	1	Yes	Yes	Yes
TSE3	Plate	Yes	Yes	3	Yes	-	-
TSE3	Plate	Yes	Yes	5	Yes	-	-

FYI: Programs consist of one or more methods done either in STRIP MODE or PLATE MODE (see below). You can also specify how many rows you need processed in your plate. Your method will specify how many times each step repeats (n= # of repeats) You can also specify wash buffer soak times, or the interval between steps.

		STRIP mode: the total method is applied on the strip prior to processing the next strip.		PLATE mode: the elementary cycle is applied successively on all strips prior to applying next elementary cycle.
Example :	STRIP Mode		PLATE Mode	
Method 3W+A		3W + A on 1st strip 3W + A on 2nd strip etc... 3W + A on last strip		W on the whole plate W on the whole plate W on the whole plate A on the whole plate

Method	Abbreviated Name	Method Name on LCD Display	Refer to Section 4.1
Single-cycle Method			
nA	ASPIRATION	Aspiration	A
nD	DISPENSING	Dispensing	B
nW	WASH	Wash	C
nw	BOTTOM WASH	Bottom Washing	D
na	BOTTOM ASP.	Bottom aspiration	E
nAg	AGITATION	Plate Agitation	F
Two-cycle Method			
nW + A	WASH + ASP	Wash + Aspiration	
nW + a	WASH+BOT.ASP	Wash + Bottom Aspiration	
nw + A	BOT.WASH+ASP	Bottom Wash + Aspiration	
nw + a	B.WASH+B.ASP	Bottom Washing + Bottom Aspiration	

SOAKING Soak time
0 min 0 sec to 59 min 0 sec, 1 sec in increments in Plate mode.
0 min 0 sec to 9.9 sec, 0.1 sec increments in Strip mode.

MET. INTER Method Interval
0 min 0 sec to 59 min 0 sec, 1 sec increments