

BIOCHROM ASYS ATLANTIS MICROPLATE WASHER

QUICK START GUIDE



1. Fill wash and rinse bottles with appropriate solutions. Up to three wash bottles can be connected to the instrument.
2. Connect waste, rinse and wash (1, 2 and/or 3) bottles to the instrument using the color-coded tubing. Ensure that the tubing is clean and secured to the bottles as well as to the port at the back of the instrument (e.g. Wash 1 is connected to Wash 1 port on the back of the instrument). Check the levels of fluid in each of the bottles.
 - ✓ It is critical not to run the instrument dry.
3. Connect the instrument to the power source. Turn on the instrument.
 - ✓ Please consult the user's manual for important safety information.
4. The main menu is displayed upon start-up. Selections in the display can be made by using the keypad directly below the screen (fig. 1). Options within the main menu:

Run Procedure/Prime/Rinse/Def Procedure/Def Cycle/Def Plate/Setup/Service

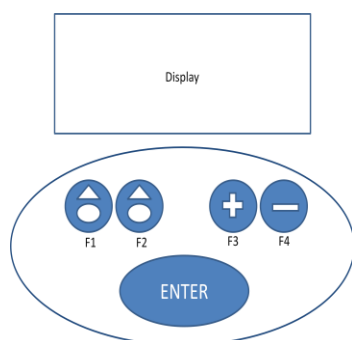
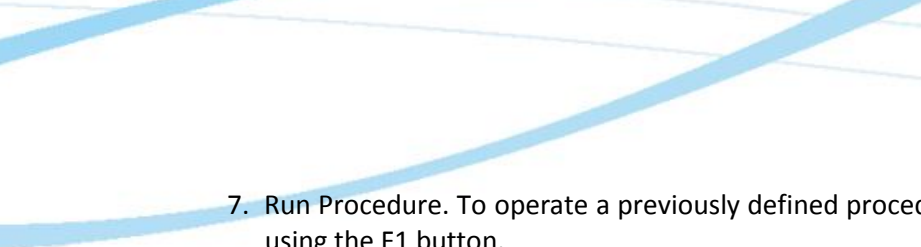


Figure 1. Atlantis Keypad and Display

The keypad is used to select choices that are presented on the screen directly above the key. For simplicity, keys will be referred to as F1-F4 from left to right. To select option, highlight with the cursor and press enter. To opt out of any menu, press the key below **esc** (escape). To return to the previous option press the key below the << symbol displayed on the display.

5. Define settings for instrument. Select **Setup**. Important settings to define:
 - ✓ **Manifold** installed (8-, 12- or 16-Needle). Procedure will not function if incorrect manifold is selected.
 - ✓ **Warnings:** Liquid/Waste/Plate Warning: Prompts the user to check for adequate liquid levels in wash, rinse and waste bottles as well as plate insertion.
 - ✓ **Emergency Stop-** Stops instrument immediately if the manifold needles unexpectedly touch the plate. **Recommended**
6. Prime the instrument. In main menu, select **Prime/Rinse**. Select **Manual/Auto/Periodic** using the F3 or F4 keys.
 - ✓ **Manual:** only the liquid (rinse/wash 1) is defined.
 - ✓ **Auto:** both liquid and volume are defined. **Recommended.**
 - ✓ **Periodic:** liquid, volume and rinse interval (1-200 minutes) are defined.

- 
7. Run Procedure. To operate a previously defined procedure. Procedure can be stopped at anytime using the F1 button.
 - ✓ **Run Procedure.** Scroll through options using until desired program is found. Select **Enter.**
 - ✓ **Nr of Strips?** Select the number of rows in the plate to be washed.