



OXIPANEL PLUS

Detergent Cleaning Control User Guide



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WIRING INTERNAL 110VAC RELAY

The OXIPANEL Plus IK-765SS-BP series systems all include an AC relay output for customers to connect the detergent dosing pump or dosing valve on-site.

The access to the relay is internal to the UC-80 display/data logging terminal. Cables need to be connected to the controller circuit board **CN11**, as shown in Figure 1.

From left to right, the cables are **AC_L#1 / AC_N#1** / and **PE**.

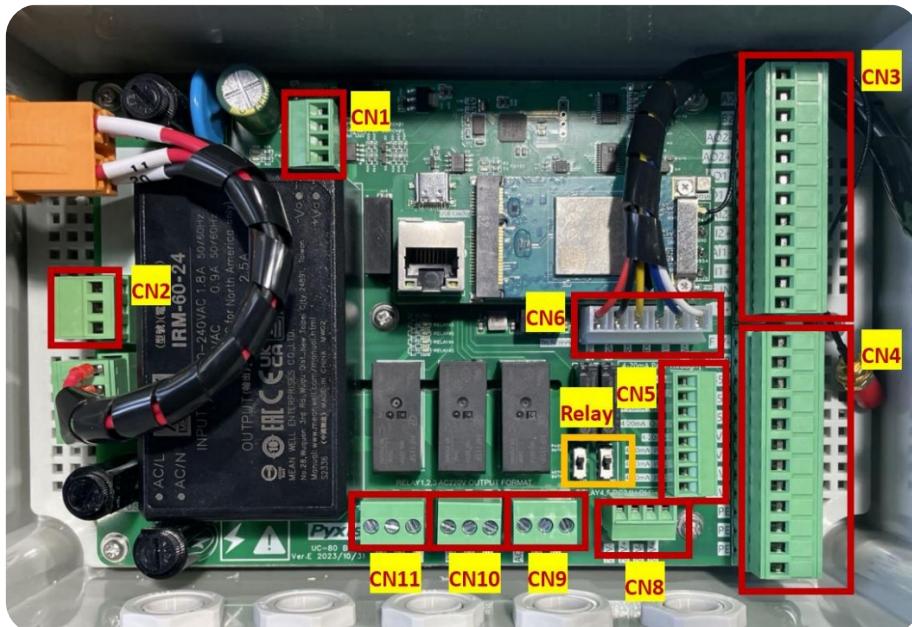


Figure 1. Terminal Board of the UC-80 Display

CLEANING CONTROL ON UC-80

After the cable is connected, go to the main screen and choose 'Cleaning Control' to access the operation screen.

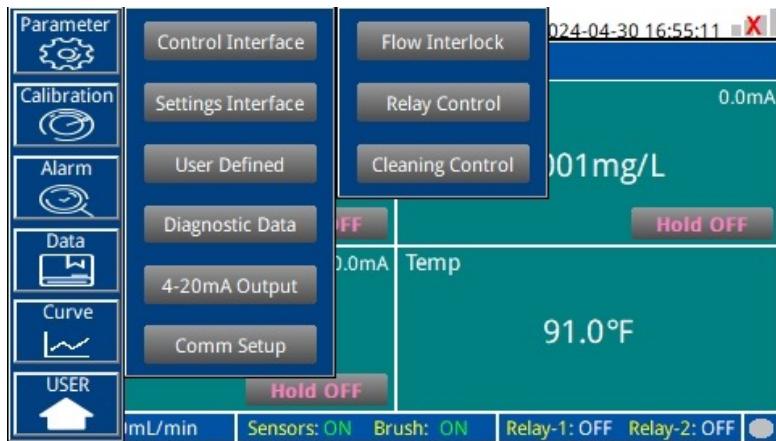


Figure 2. Real-Time Monitoring Screen



Figure 3. Hidden Parameter Setting Screen

WASHING TIME

The detergent pump will be powered, the cleaning agent will enter the analyzer, and the analyzer will be cleaned. At the same time, the controller will display the last measured value until the feed cycle has been completed to avoid displaying values potentially impacted by the cleaner itself.

RECOVERY DELAY TIME

The detergent pump will be turned off and only the field water sample will enter the analyzer. In order to prevent measurement errors caused by flushing water, the recovery of measurement values will be delayed based on the user settings. When Recovery Delay is complete, the normal measurement values are once again displayed.

INTERVAL TIME

The interval between two cleaning times can be set according to the site conditions

CLEANING CONTROL ON UC-80

When in **MANUAL** mode, the cleaning pump can be turned on or off manually.

When in **AUTO** mode, the system will clean according to the set time.

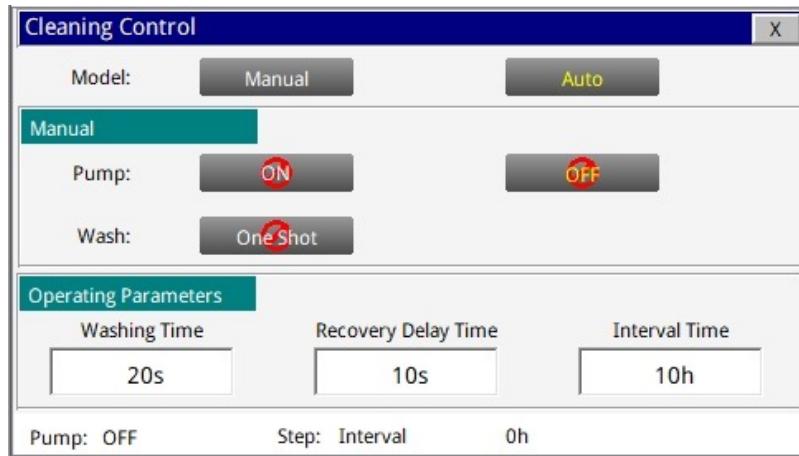


Figure 4. Sensitivity Screen

DIAGRAM FOR DETERGENT INJECTION

