ZiP-P2 Instrument
Quick Reference Guide

ZiP Diagnostics

Test Bay Lids

Sample Preparation Deck

4.3" Touch Screen

USB Port

Status Light

Power Button

Label Printer | Barcode Scanner | Network | Power

Note. Optional peripherals, not provided with the instrument. May be purchased from ZiP Diagnostics.

Refer to the ZiP-P2 User Manual (www.zipdiag.com) for complete instructions.

Initial Instrument Setup

Step 1: Unpack the instrument and set up on a stable, level bench, in a clean workspace or lab type environment.

Step 2: Configure the power supply for your region. Connect the 12V power supply to the instrument's rear port.
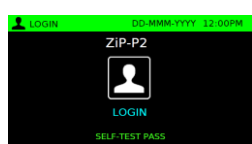
Step 3: Press the button for one second to power up and start the instrument.
Note. Press and hold the power button for at least 2 seconds to power off.

When the instrument is powered on, the instrument will perform a Self Test. If all tests pass, the instrument will automatically load to the Login screen.

Step 4: Touch the "Login" icon and enter username and password if required.

First-time login:
Username: *admin*   Password: *admin*

Step 5: First-time login: Use the on-screen keyboard to change the password.

Touch the ✔ icon to confirm and proceed.

Touch the ✘ icon to cancel.

Barcode Scanner Setup & Troubleshooting

If purchased from ZiP Diagnostics, the barcode scanner will arrive correctly configured for use. If the barcode scanner has been purchased elsewhere, or does not scan, complete these steps:

Step 1: Attach the USB to Ethernet cable to the scanner. Power the scanner by plugging it into a USB port that is NOT on the instrument (e.g. laptop, computer monitor).

Note. If another cable is already attached, use a paper clip to apply pressure in the release hole in the scanner handle while simultaneously pulling on the cable to release it.

Step 2: Scan the following barcodes in succession. Wait 10 seconds between each scan.
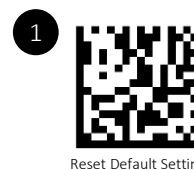
1 Reset Default Settings

2 Select RS232-STD

Step 3: Remove the USB to Ethernet cable and connect the Serial to Ethernet cable to the scanner.

Note. This cable is provided with the barcode scanner if it is purchased from ZiP Diagnostics. This cable is also available to purchase as a separate product.
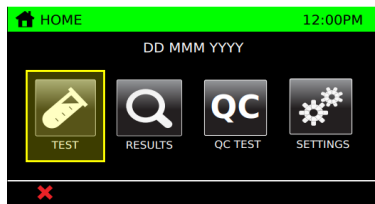
**Step 4:** Connect the barcode scanner to the instrument's rear port. It should scan required barcodes.

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Refer to the ZiP-P2 Instrument User Manual for complete instructions.
Follow the step-by-step prompts displayed on the instrument screen.
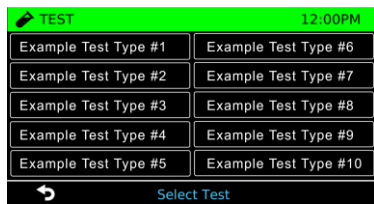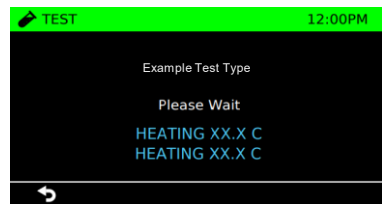
To Run a Test: *Touch the ✔ icon to proceed.*

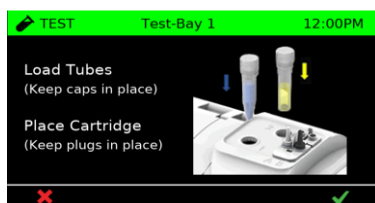**Step 1:** Touch the "TEST" icon on the Home Screen. The test will initialise.
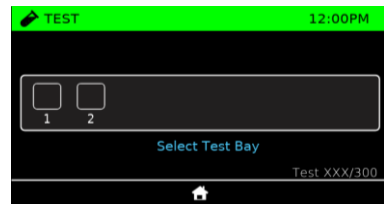
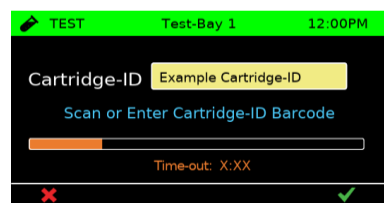**Step 2:** Touch an "Empty" ▪ test bay to start a test in that bay.

Step 3: Touch the test type name required. The test workflow will begin.
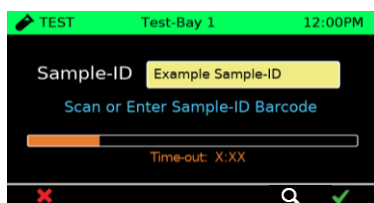

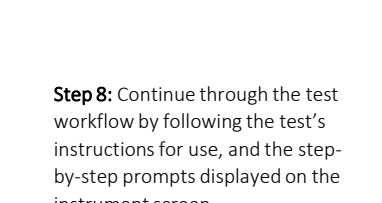**Step 4:** Wait for the heater blocks to reach pre-set temperatures.

Step 5: Load test components onto the instrument sample preparation deck.

Step 6: Enter Cartridge ID: scan cartridge barcode or touch the yellow "Cartridge-ID" field and manually type the barcode string.
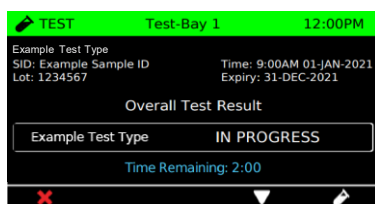

Step 7: Enter Sample ID: scan a barcode or touch the yellow "Sample-ID" field and manually type Sample ID.
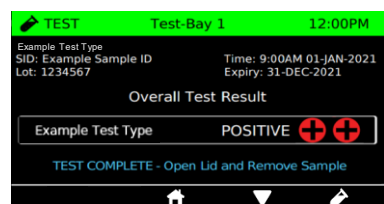
Step 8: Continue through the test workflow by following the test's instructions for use, and the step-by-step prompts displayed on the instrument screen.
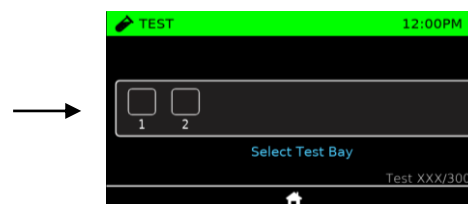
To Run / Monitor a Second Test:

While a test is still in progress: Touch the 🖊 icon to return to the Select Test Bay screen.

When a test is completed: Touch the 🖊 icon to clear the test and make available that test bay for a new test. You will return to the Select Test Bay screen.

On the Select Test Bay screen: A status indicator is displayed for each Test Bay.

☑ **Test complete:** Touch to view results for a completed test.

🟡 **Test in progress:** Touch to monitor a test in progress.

▪ **Ready for next sample:** Touch to start a new test. Follow the steps outlined above to run a test.

Technical Support

If the instrument does not perform as expected, contact ZiP Diagnostics technical support:
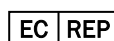**Phone** +61 (0) 3 8414 5772 | **Email** support@zipdiag.com
www.zipdiag.com/technical-support

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