# DiagTool: WPL Printer Diagnostic Utility

Sicaro Burnett - 2021-12-15 - in Printers

DiagTool is an integrated tool incorporating features that enable you to explore a printer's settings/status; change a printer's settings; download graphics, fonts and firmware; create a printer bitmap font; and send additional commands to a printer. With the aid of this powerful tool, you can review printer status and settings in an instant, which makes it much easier to troubleshoot problems and other issues.

**Start the Diagnostic Tool:**

1. Double click on the Diagnostic tool icon to start the software.

2. There are four features (Printer Configuration, File Manager, Bitmap Font Manager, Command Tool) included in the Diagnostic utility.

**Printer Function:**

1. Select the PC interface connected with barcode printer.

2. Click the "Printer Function" button to setup.

3. The detail functions in the Printer Function Group are listed as below.

| Function | Description |
| --- | --- |
| Calibrate Sensor | Calibrate the sensor specified in the Printer Setup group media sensor field |
| Ethernet Setup | Setup the IP address, subnet mask, gateway for the on board Ethernet |
| RTC Setup | Synchronize printer Real Time Clock with PC |
| Print Test Page | Print a test page |
| Reset Printer | Reboot printer |
| Factory Default | Initialize the printer and restore the settings to factory default. |
| Dump Text | To activate the printer dump mode. |
| Ignore AUTO.BAS | Ignore the downloaded AUTO.BAS program |
| Configuration Page | Print printer configuration |
| Password Setup | Set the password to protect the settings |

**Downloads:**

DiagTool utility:
https://dl.waspbarcode.com/kb/printer/DiagTool_v1.63.zip

DiagTool Quick Start Guide:
https://dl.waspbarcode.com/kb/printer/DiagTool_v1.50-quick-start-guide.pdf

Shift X and Shift Y instructions:
https://dl.waspbarcode.com/kb/printer/Printer-Shift-Conversions.pdf

Older versions:
https://dl.waspbarcode.com/kb/printer/DiagTool_v1.54.zip
https://dl.waspbarcode.com/kb/printer/DiagTool_v1.18.zip

## Related Pages

- WPL614: various errors - platen roller disengaged
- WPL614 & WPL618: how to implement a Pause button

- [DiagTool: Capturing a print job to a text file](#)
- [How to calibrate the printer when labels or tags have a notch](#)
- [WPL Label Printer: Installing driver to a network printer](#)
- [WPL612 WPL610 WPL608 Printer Resources](#)
- [WPL305 Printer Resources](#)
- [WPL305: ribbon feeds out with label when printing](#)
- [How to update WPL305E firmware](#)
- [Unable to calibrate labels longer than 10 inches with WPL610](#)
- [QuickStore - Description is cut off using 1.25" x 1" tags with a WPL205](#)