



# WASP PROTECT

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## 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](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](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_v1.54.zip)

[https://dl.waspbarcode.com/kb/printer/DiagTool\\_v1.18.zip](https://dl.waspbarcode.com/kb/printer/DiagTool_v1.18.zip)

### Related Pages

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- [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](#)