Quick Installation Guide

Printer Overview

LED Indicator & Keys

Fan-fold Paper Entrance Chute

SD Card Socket

Ethernet Interface (Option)

Centronics Interface (Option)

USB Host Interface (Option)

RS-232C Interface

USB Interface

Power Switch

Power Jack Socket

Paper Exit Chute

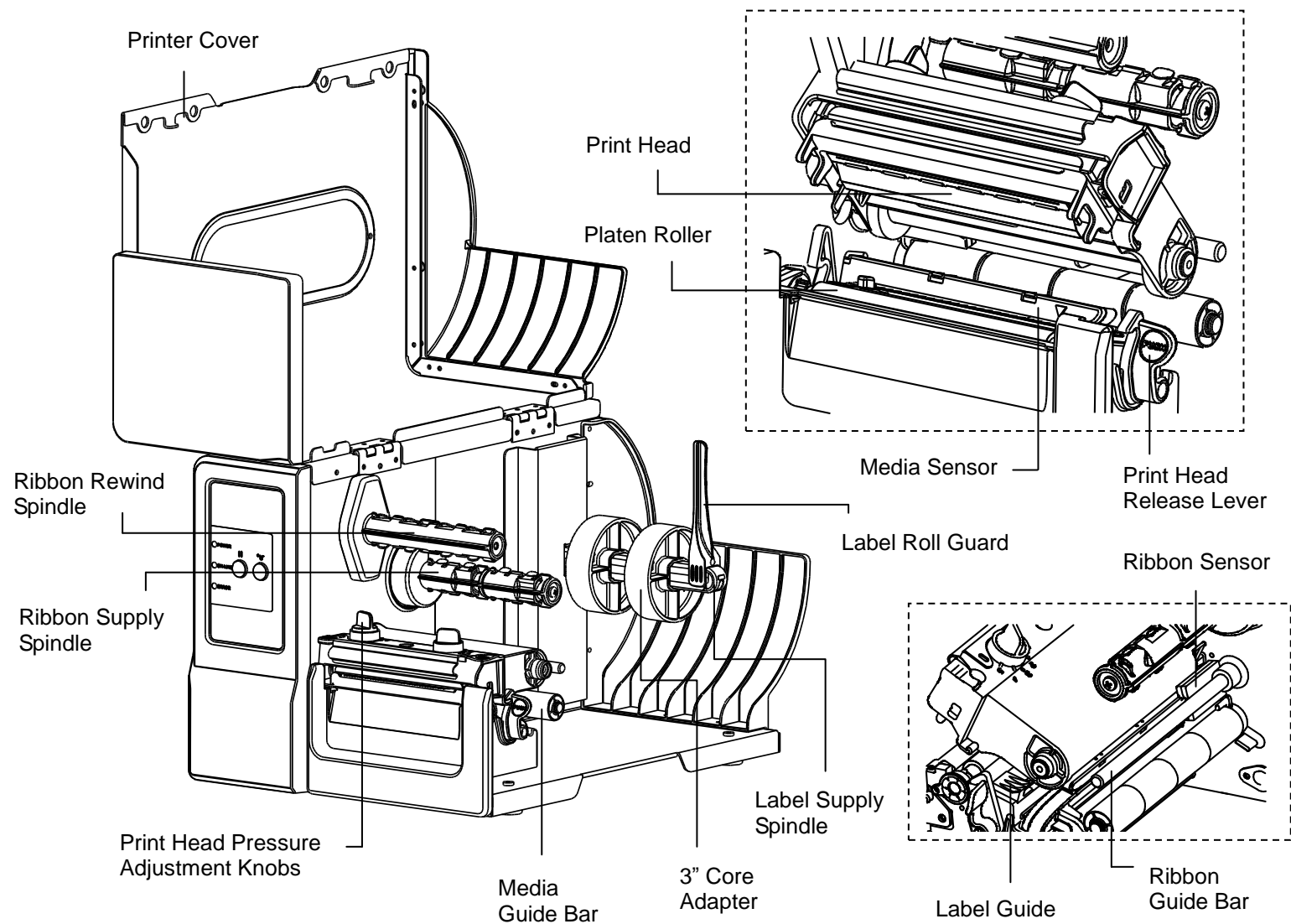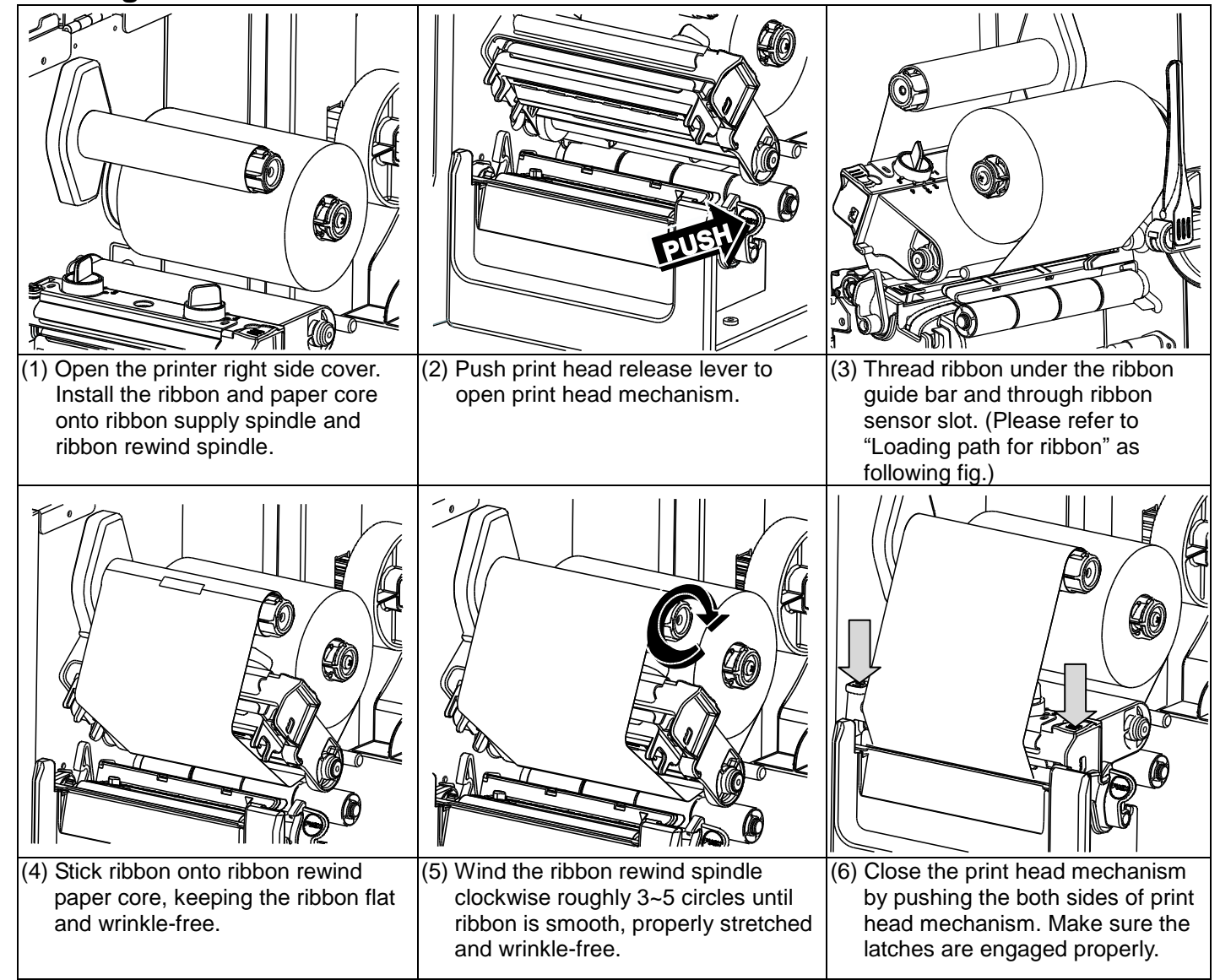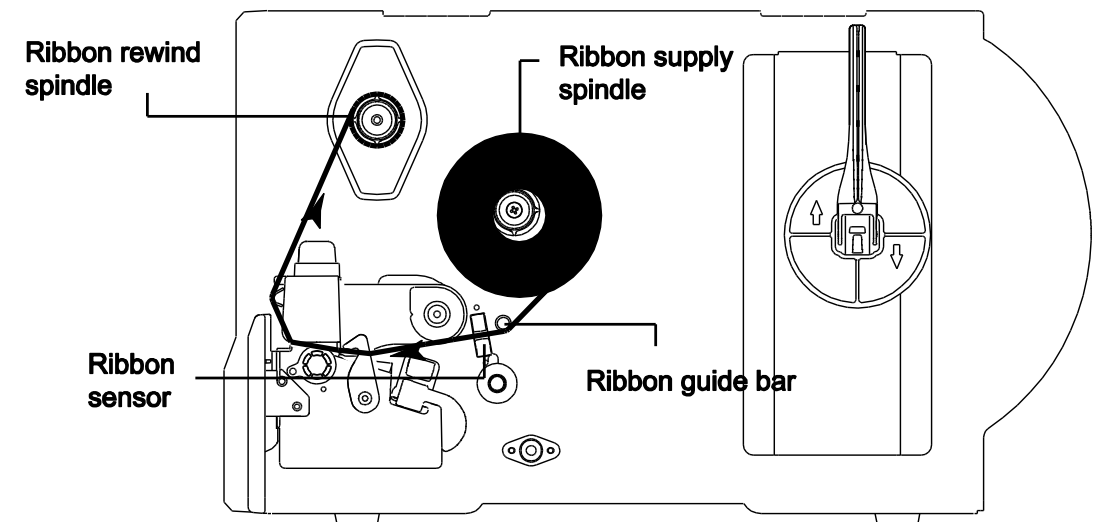Media View Window
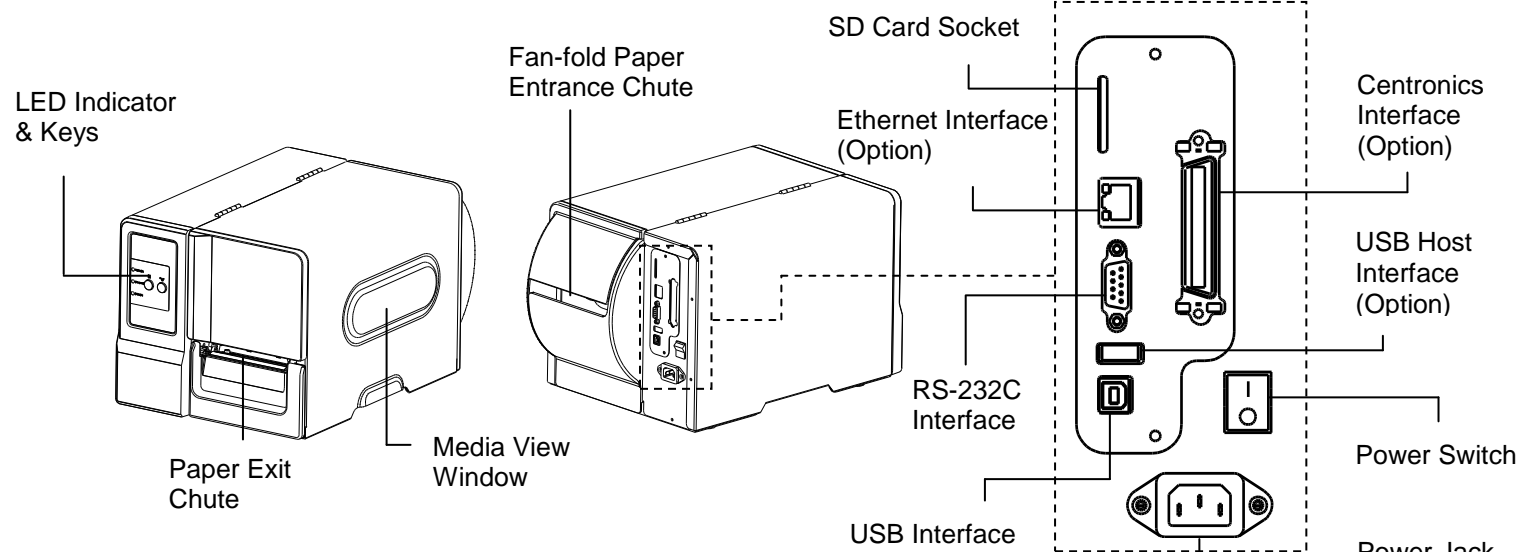
Note:

The interface picture here is for reference only. Please refer to the product specification for the interfaces availability.
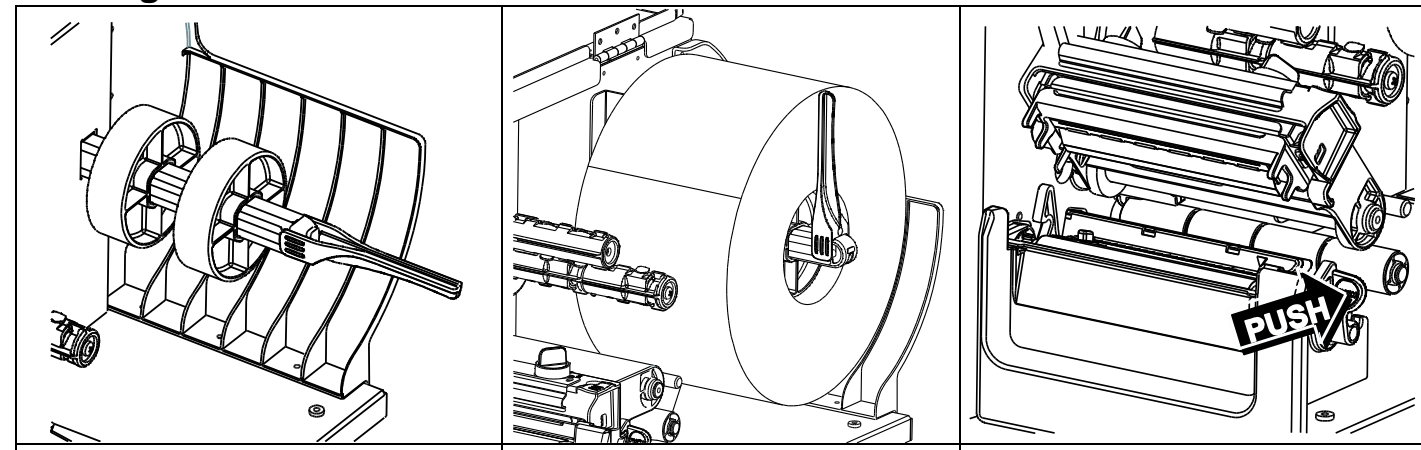

Printer Cover

Print Head

Platen Roller

Media Sensor

Print Head Release Lever

Ribbon Rewind Spindle

Ribbon Supply Spindle

Label Roll Guard

Ribbon Sensor

Print Head Pressure Adjustment Knobs

Media Guide Bar

3" Core Adapter

Label Supply Spindle

Label Guide

Ribbon Guide Bar

Loading the Ribbon

(1) Open the printer right side cover. Install the ribbon and paper core onto ribbon supply spindle and ribbon rewind spindle.

(2) Push print head release lever to open print head mechanism.

(3) Thread ribbon under the ribbon guide bar and through ribbon sensor slot. (Please refer to "Loading path for ribbon" as following fig.)

(4) Stick ribbon onto ribbon rewind paper core, keeping the ribbon flat and wrinkle-free.

(5) Wind the ribbon rewind spindle clockwise roughly 3~5 circles until ribbon is smooth, properly stretched and wrinkle-free.

(6) Close the print head mechanism by pushing the both sides of print head mechanism. Make sure the latches are engaged properly.

* Loading path for ribbon

Ribbon rewind spindle

Ribbon supply spindle

Ribbon sensor

Ribbon guide bar

Loading the Media

(1) Open the printer right side cover. Move the label roll guard horizontally to the end of label spindle then flip down the label roll guard. (If your paper core is 1 inch, remove the 3 inch core adapters from the label supply.)

(2) Place the roll of media on the label supply spindle. Flip up the label roll guard. (When insert the 3 inch core adapter to the spindle, please making sure the arrow direction is as following fig.)

(3) Push the print head release lever to open the print head mechanism.
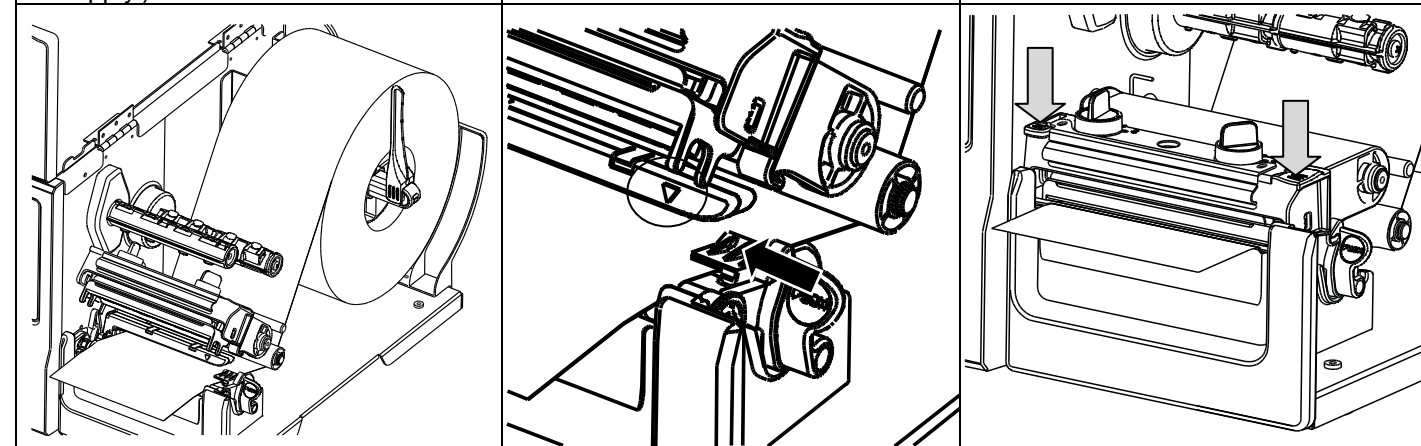
(4) Pull the leading edge of the label forward through the media guide bar pass media sensor, and place the leading edge onto the platen roller. (Please refer to "Loading path for media" as following fig.)

(5) Adjust the label guide to fit the label width and adjust the media sensor to make sure the gap or black mark is at the location where media gap/black mark will pass through for sensing.

(6) Close print head mechanism by pushing the both sides of print head mechanism, make sure the latches are engaged properly.

* Loading path for media

- Platen roller
- Media sensor
- Media supply spindle
- Media guide bar
- 3 inch core adapter
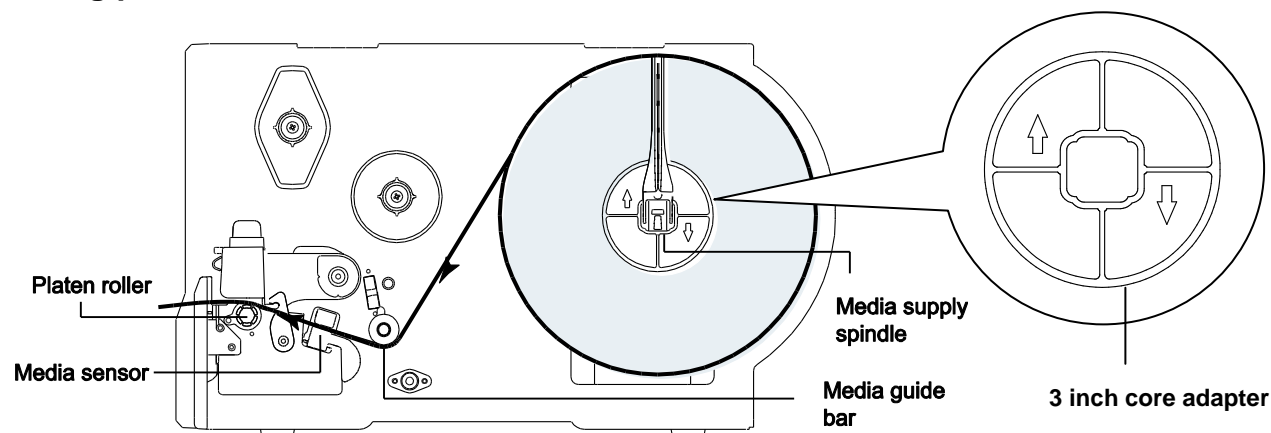
(7) Set media sensor type and calibrate the selected sensor. (Please refer to the "Diagnostic Tool" on facing page to calibrate the sensor.)

Note: Re-calibrate the gap/black-mark sensors when changing media. The sensor location is marked by a triangle mark ▽ at the sensor housing.

* For more information and features about this printer, please refer to the user's manual on the CD disk.
* Specifications, accessories, parts and programs are subject to change without notice.

Control Panel
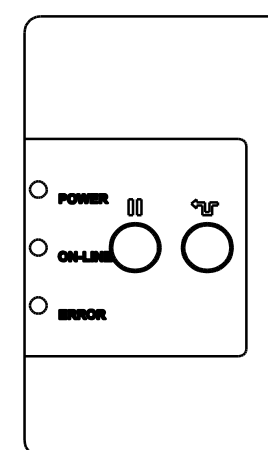
LED	Status	Indication
POWER	Off	Printer power off
	On	Printer power on
ON-LINE	On	Printer is ready
	Blinking	Printer is paused
		Printer is downloading data
ERROR	Off	Printer is ready
	On	Carriage open or cutter error
	Blinking	No paper, paper jam or no ribbon

| Keys	Function
⏸	PAUSE key: Pauses or resumes printing
⏭	FEED key: Advances one label

Diagnostic Tool

TSC's Diagnostic Utility 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 the Diagnostic tool icon (🖨 DiagTool.exe) to start the software.
(2) Four features (Printer Configuration, File Manager, Bitmap Font Manager, Command Tool) are included in the Diagnostic utility.

- Features Tab
- Printer Functions
- Printer Status
- Interface
- Printer Setup
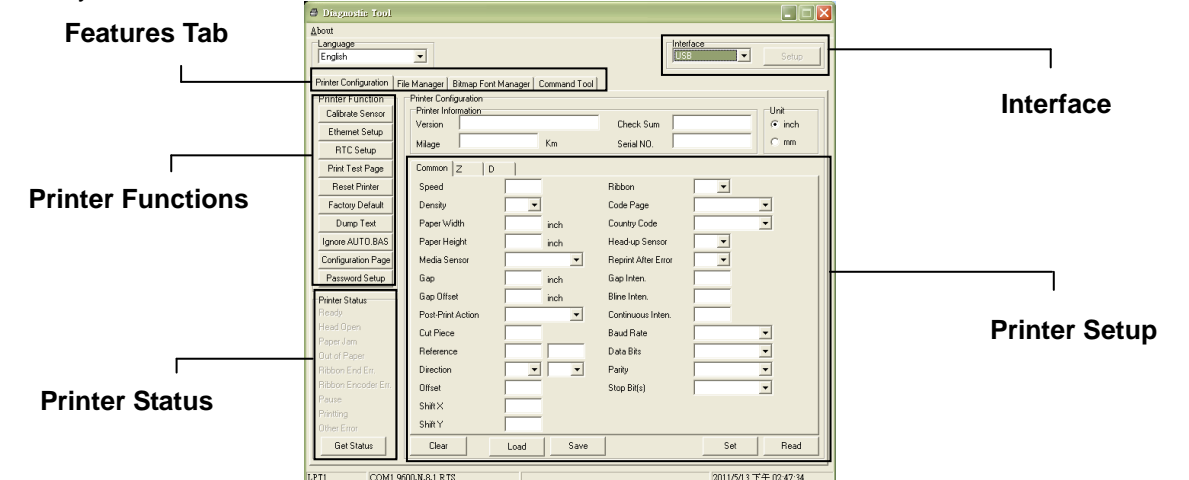
(3) The Printer Functions group provides the following options:

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 Time	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

P/N: 39-0420001-00LF