

# PrimeraBar™ Label Software

## For the Cyclone C-1000/C-1000P Bar Code Label Printer

### Version 1.0 User's Guide

### Primera Technology, Inc.

## System Requirements

Windows 95/98/Me, NT or 2000

PC Configuration: Pentium processor, 32 MB RAM or greater

## Starting up

When you use the software the first time, the **Select printer driver** window will appear. Double click the PrimaBar icon on the screen. Select Label Dr. 200 printer driver, then click **OK**. This procedure is used to ensure that the Cyclone printer driver is installed. Please note that PrimaBar can be run only when Primera printer driver is installed.

1. Click the **File** button in the upper left corner to select new.
2. The pop-up menu of **Select Printer** will appear, then select from the printing options- the way you want to communicate with your printer.
3. Having set up your printer, select the page-setup from your **File** menu to decide the layout of your label.
4. Back to the Main Features screen.
5. To go directly to a particular subject, you can choose buttons on the Main Features screen, use the Command menu, or open the Tool Palette.

## Exiting

Choose Exit from the File menu.

## Main Features Screen

### Main Menu

The main window (workplace) is shown when a new session is started with the PrimaBar Lite application.

### Menu Bar

**The Menu bar has six drop-down menus. Select menus with the left mouse button and then select the command you want.**

————— Status bar

**File**

New	Open a new label
Open	Open an existing label
Save	Save a label
Save As	Save a label under a different name
Page Setup	Set options for printing
Print	Print a Label
Exit	Exit to the Desktop

**Edit**

Cut	Move highlighted text/barcode/other images to clipboard
Copy	Move highlighted text/barcode/other images to clipboard
Paste	Paste text/barcode/other images from clipboard to label
Clear	Delete highlighted text/barcode/other images in label
Select All	Select all text, barcode or other images in current window
Properties	Bring up the property menu for the selected text or barcode.

**View**

Zoom	Zooms in or zooms out.
Color Adjust	Adjusts the color of ruler bar, its figures and background on screen.
Grid Appear	Displays a non-printable grid.
Tool Bars	Selects to show or hide the bars.
Language	Selects the language shown on screen.

**Draw**

Text	Inserts text, the Text Properties dialog box opens.
Barcode	Inserts a barcode, the Barcode Properties dialog box opens.
Picture	Inserts a picture, the Load Picture from File dialog box opens.
Diagonal	Uses the Diagonal tool to draw diagonal lines.
Line	Uses the Line tool to draw vertical or horizontal lines.
Box	Uses the Box tool to draw open rectangles.
Ellipse	Uses the Ellipse tool to draw circles or ellipses.

**Object**

Colors, rotates or moves the selected object

**Help**

Brings up the help topics and information on PrimaBar



You can also select a command by pressing the key that matches the underlined letter in the command's name.

## Tool Bar

The Tool Bar buttons let you quickly carry out commands. These same commands can also be found in the drop-down menus of the Menu bar.



Icon	Description
	Creates a new document
	Opens an existing document
	Saves the active document
	Prints the active document
	Opens the Page Setup window
	Cuts the selection and put it on clipboard
	Copies the selection and put it on clipboard
	Inserts the clipboard contents
	Zooms in
	Zooms out
	Grid—displays a non-printable grid
	Displays program information, version, number and copyright.
	Display help for clicked on buttons, menus and windows.

## Object Format Bar

The Object Format Bar lets you quickly apply formatting to the selected text or an object. When the selected object is not text, the **Font** and **Font Size** text boxes are empty.



Icon	Description
	Click the drop-down arrow to select the font.
	Click the drop-down arrow to select the font size.
	Applies <b>Bold</b> format to the selected text.
	Applies <i>Italic</i> format to the selected text.
	<u>Underlines</u> the selected text.



Rotates the selected text or object 90 degrees to the left.

Rotates the selected text or object 90 degrees to the right.

### **Ruler**

There are two measurements in this program. The measurement can be altered by click on up-left corner of the ruler.

## Tool Palette

The Tool Palette gives you quick access to drawing tools such as *Line* and *Ellipse*, and lets you insert and format Text and Bar codes.



### Icon



### Description

Use the Selection tool to select objects or text.

Click the Text icon to insert text; the Text Properties dialog box opens.

Click the Barcode icon to insert a bar code; the BARCODE Properties dialog box opens.

This item is currently unavailable.

Click the Picture icon to insert a picture; the Load Picture from File dialog box opens.

Use the Diagonal tool to draw diagonal lines.

Use the Line tool to draw a vertical or a horizontal line.

Use the Box tool to draw open rectangles.

Use the Ellipse tool to draw circles and ellipses.



The Tool Bar, Object Format Bar and Tool Palette can be moved around by clicking on them and dragging to a new location.

## Shortcut Keys List

The software is essentially mouse driven, but some functions can be called more quickly by pressing a key combination. Here is the list:

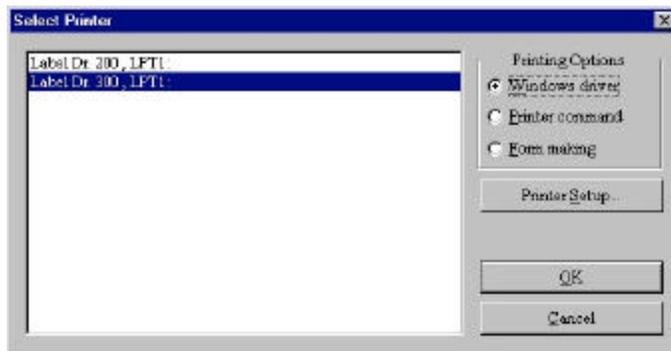
### Keys      Functions

CTRL +N	New label format
CTRL +O	Open label file
CTRL +S	Save label file
CTRL +P	Print label
CTRL + X	Cut
SHIFT + Delete	Cut
CTRL + C	Copy
CTRL + Insert	Copy
CTRL + V	Paste

SHIFT + Insert	Paste
Delete	Clear
CTRL + A	Select All
ESC	Cancel Edit
ENTER	Display object properties dialog
CTRL + R	Object Rotation +90
CTRL + L	Object Rotation -90
CTRL + "+"	Object Move To Front
CTRL + "-"	Object Move To Back
+	Object Move Forward
-	Object Move Back
F1	Help
F2	Open label file
F3	Save label file
SHIFT + F3	Save label file as ...
F4	Page Setup
F5	Printer settings
F6	Print

## Printing Options

Selecting the **file** then select **new** to bring up the **Select Printer menu**. PrimaBar provides three ways of printing options:



### Windows driver

Ordinary users are suggested to select this option, as it supports all Windows fonts and can meet varied printing requirements

### Printer command

This option allows higher speed printing but it only prints the fonts that your printer supports. Therefore, it is most useful, when you want to print large quantity of barcodes and variables.

### Form-making

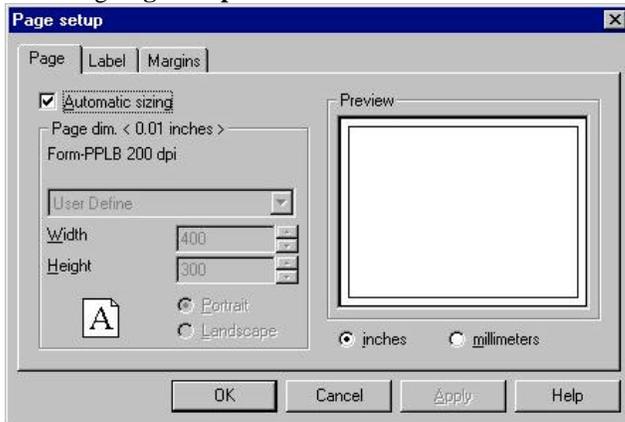
This option is not currently supported.

### Printer Setup

Having selected the way of printing, then select a printer and enter the variables of printer configuration. Details please refer to OS or X series User's manual.

## Layout a Label

Choose **Page setup** from the **File** menu or click the **Page setup** button on the **Toolbar** to bring up the following **Page setup** window.



### Field

Automatic sizing

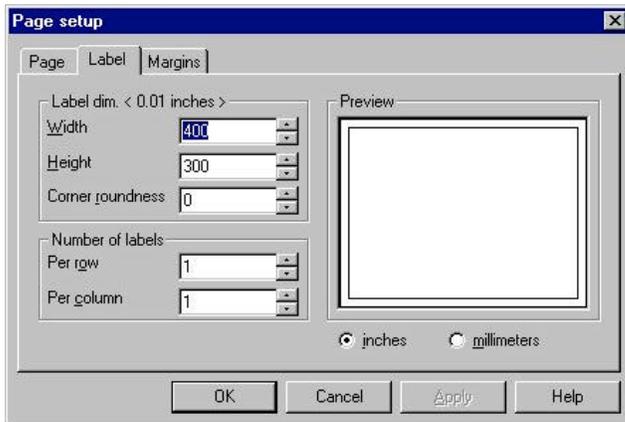
### Description

Check this box when the label and backing paper are same size.

Page dim. < 0.01 inches >

Enter the backing paper dimensions (width and height) by dropdown menu or self-define it.

Click the Label tab:



### Field

Label dim. < 0.01 inches >

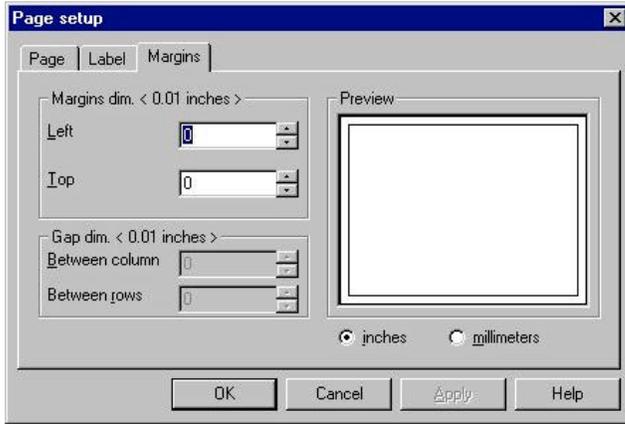
### Description

Enter the label dimensions (width and height) and corner roundness.

Number of labels

Enter the number of labels per row and column.

Click the Margins tab:



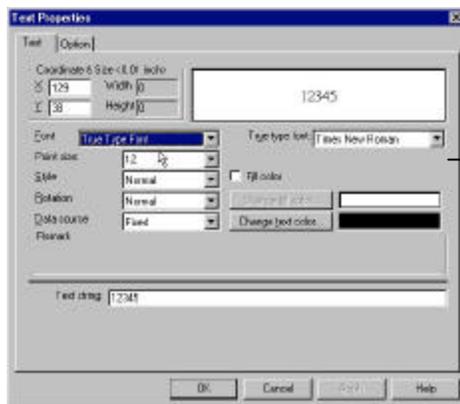
<b>Field</b>	<b>Description</b>
Margins dim. < 0.01 inches >	Enter the dimensions for the left and top margins.
Gap dim. < 0.01 inches >	Enter the dimensions for the gap between rows. When there are more than one label in a row, that need to be printed, you have to define the distance between label and label.

*Note: For NT4.0 / Win 2000 user, to create a new size, please consult OS User's Manual — Communicate with the printer.*

## Adding Fields

### Add Text:

Selecting the Text tool then click on the work place to bring up the following TEXT Properties window:



← This text box is only shown when *True Type Font* is selected in the **Font** text box.

← Information shown here is dependent on the item selected at **Data Source**



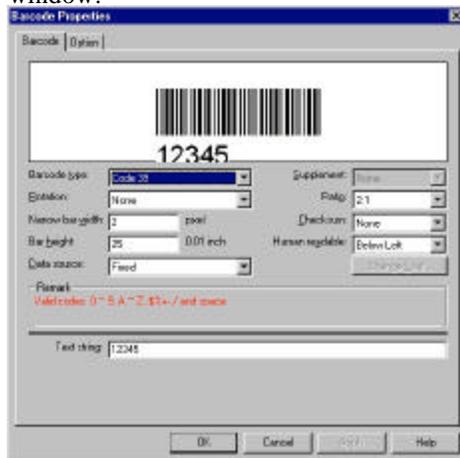
**Option** tab: Click option to designate the text string.

<b>Field</b>	<b>Description</b>
Coordinates & Size	Displays the coordinates (position) of the selected text. You can enter new coordinates here, or drag the text to a new location; the new coordinates are displayed.
Font	Click the drop-down arrow to select the font. When <i>True Type Font</i> is selected, then <i>Point Size</i> and <i>Style</i> text boxes will be available. (TrueType fonts are fonts that are installed on your system.)

True Type Font	Click the drop-down arrow to select a TrueType font.
Point Size	Click the drop-down arrow to select the point size for the selected font.
Style	Click the drop-down arrow to select the style for the selected font.
Expand Height	Click the drop-down arrow to select the expand height for the selected font.
Expand Width	Click the drop-down arrow to select expand width for the selected font.
Rotation	Click the drop-down arrow to rotate the text.
Data Source	Click the drop-down arrow to select the data source; there are six options: <i>Fixed, Date, Counter, Input File, When Printed, and Reference.</i> See <b>Data Source</b> for detailed information.
Fill Color (check box)	When this box is checked the following Fill Color button is active.
Fill Color (button)	Click the “Change Fill Color” button to select the background color..
Text Color (button)	Click “Change Text Color” button to select the text color.
Remark	Provides a brief description for the selected setting in the Text Properties window.

## Add Barcodes:

Selecting the Barcode tool then click on the work place to bring up the following Barcode Properties window:



← **Data Source Input Field**  
Information shown here is dependent on the item selected at **Data Source**



Click on the Option tab to designate the barcode.

<b>Field</b>	<b>Description</b>
Barcode type	The following bar code types are available: UPC-A, UPC-E, EAN/JAN 8, EAN/JAN 13, 2&5 digit supplemental, Code 39, Extend 39, Code 93, Extend 93, Code 128A? B? C, UCC-128, Interleaved, Codabar, 2 of 5, MSI Plessey, HIBC/HIBC-LIC, Postnet Zip+4
Rotation	Click the drop-down arrow to rotate the bar code.
Narrow bar width	Lets you determine the bar code width of the narrowest bars.
Bar height	Lets you determine the bar code height of the narrowest bars.
Data source	Click the drop-down arrow to select the data source; there are six options: <i>Fixed, Date, Counter, Input File, When Printed, and Reference.</i> See <b>Data Source</b> for detailed information.

Supplement Ratio	For specific barcode that requires supplement codes. The Ratio item adjusts the width ratio between narrow and thick bars.
Checksum	The Check digit zone is used to select the bar code checking mode. Depending on the type of code you have selected, different options will be proposed.
Human readable Change font	Select the position to display the human readable line. Click this button to change the font of the human readable line.

## Add other images

### To create a diagonal line:

1. Do one of the following:  
Choose **Diagonal** from the **Draw** menu.  
Click the **Diagonal** button on the **Tool palette**.
2. Click and hold the left mouse button while dragging to draw the line.
3. Double-click on the line to open the **Diagonal Properties** window to make changes to line thickness and line color.

### To create a horizontal or vertical line:

1. Do one of the following:  
Choose **Line** from the **Draw** menu.  
Click the **Line** button on the **Tool palette**.
2. Click and hold the left mouse button while dragging to draw the line.
3. Double-click on the line to open the **Rectangle** window to make changes to line thickness and line color.

### To create a rectangle:

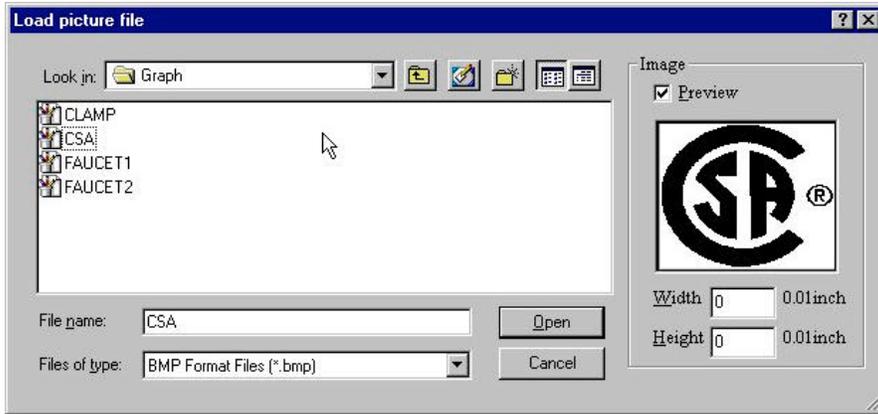
1. Do one of the following:  
Choose **Box** from the **Draw** menu.  
Click the **Box** button on the **Tool palette**.
2. Click and hold the left mouse button while dragging to draw the rectangle.
3. Double-click on the rectangle to open the **Ellipse Properties** window to make changes to line thickness and line color.

### To create a circle or ellipse:

1. Do one of the following:  
Choose **Ellipse** from the **Draw** menu.  
Click the **Ellipse** button on the **Tool palette**.
2. Click and hold the left mouse button while dragging to draw the ellipse.
3. Double-click on the ellipse to open the **Diagonal Properties** window to make changes to line thickness and line color.

## To add a picture:

Selecting the Picture tool then click again on somewhere of the blank workplace to brings up the following Load Picture File dialog box:



Field	Description
Look in	Use this text box to search for graphic files (BMP or DIB). Click the drop-down arrow to change the drive/directory.
File name	The selected graphic's file name is shown here.
Files of type	The selected graphic's file type is shown here. Click the drop-down arrow to change the file types that can be viewed.
Open	Imports the selected graphic to your workspace.
Cancel	Click to cancel importing a graphic.
Image	Displays a preview (if checked) and size of the graphic to be imported.
Width, Height	You can adjust the size of the graphic to be printed here.

## Using Data Source

When you want to add a text or a barcode into the designed label, you can select it from following data sources:

<b>Fixed</b>	The screen and printed output are the same.
<b>Date</b>	Displays the date and time according to your system's real time clock. If you select <b>Form making</b> , it is according to your printer's RTC. Choose a format for the date in the drop-down menu of Date format.
<b>Counter</b>	Enter the initial value and increment value in the specified box. The initial value will be auto counted during printing. This function of increment only supports numerals.
<b>Input file</b>	Select a text file (.txt only) as the data source by "Browse" button. This option is useful, when you have large quantities of data that need to be input. However each data of the selected file can only contain a maximum of 20 characters for 2 bytes languages or 40 characters for 1 byte languages.
<b>When printed</b>	<ol style="list-style-type: none"> <li>1. Specify the maximum length of data string based on byte.</li> <li>2. Data is entered directly from a keyboard or scanner before printing.</li> </ol>

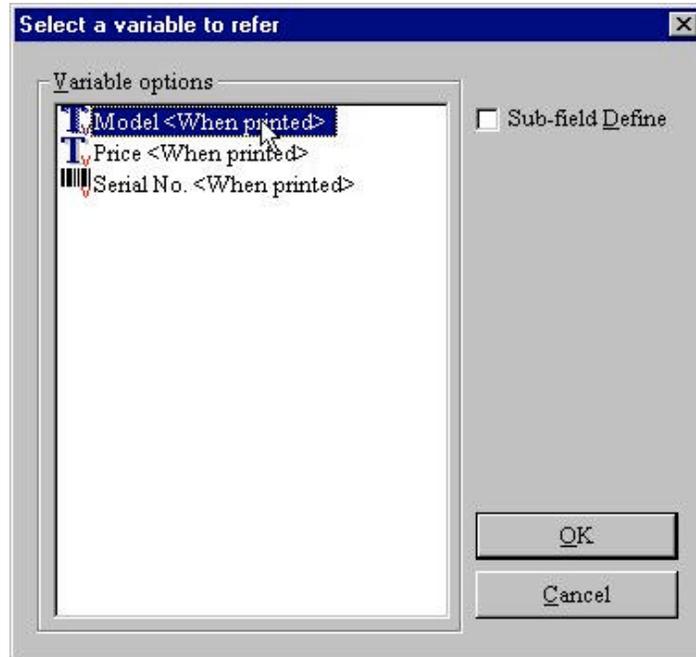
**Note: The limitation of maximum length is just conducive to formatting.**

## Reference

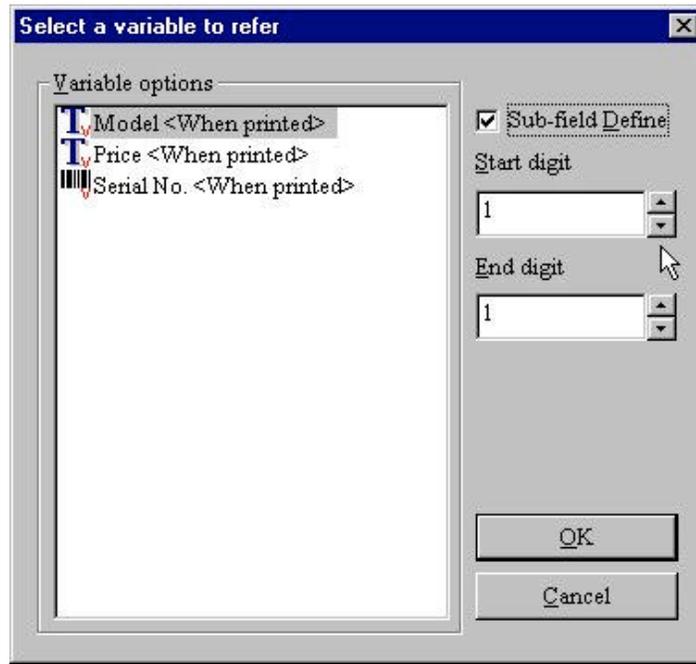
1. Enter a variable in Reference Box by browsing.
2. When data source is reference, the selected variable will automatically appear during printing.
3. It is most useful, when same data has to be assigned to different format.

### ? Using **Reference as data source:**

1. Click **Browsing** button to bring up the following window.
2. Select one variable field to refer.

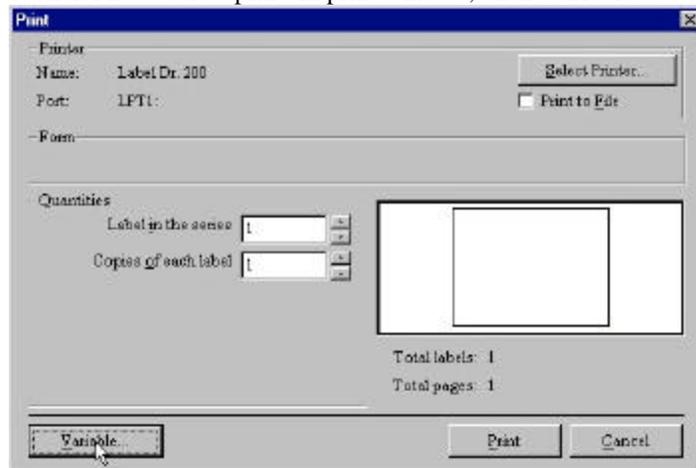


3. If you just want to refer a portion of the selected data. Click the **Sub-field Define** and specify the Start digit and End digit in the blanks.



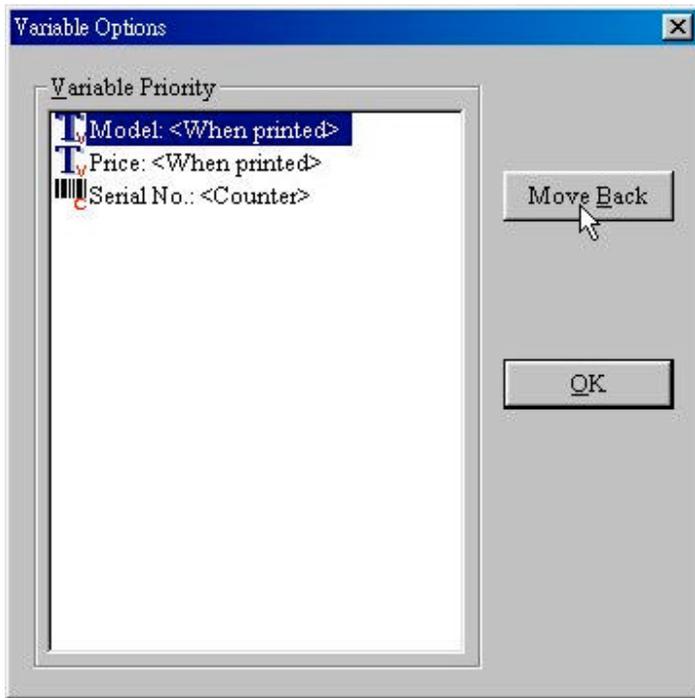
## Printing Variable Data

1. Click File to select print. In print window, click **V**ariables button.

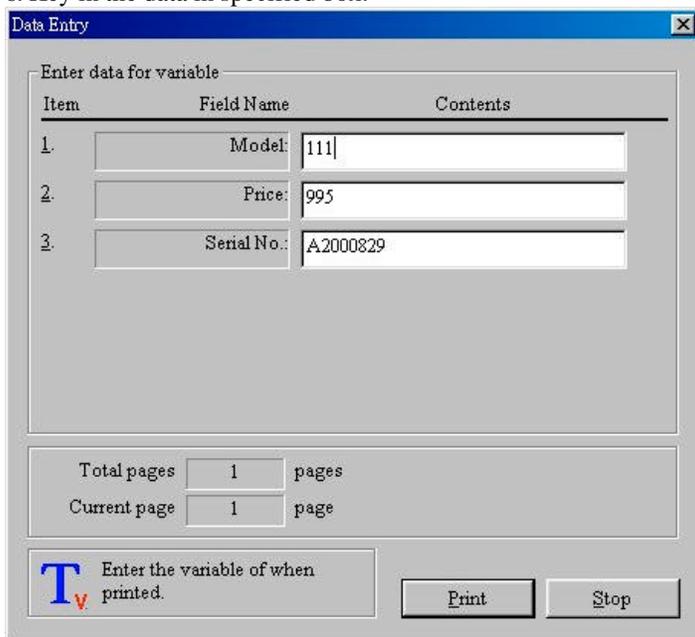


2. The variable menu will display all the fields that are using “**C**ounter” or “**W**hen printed” as their data source.

3. Click **M**ove **B**ack to decide the priority of data-input.



4. Click **OK** to return to the **Print** window.
5. Click **Print** button to bring up the following window.
6. Key in the data in specified box.



7. Click **OK**.
8. The label will be printed automatically.