



# AP-700

Versatile Automatic Labeler

## Expand Labeling Creativity

A New System Featuring  
a Larger Display  
for Simpler Operation



# A Wealth of Automatic Labeling Functions, Now With Outstanding Versatility

The "AP-700" is a highly versatile automatic labeler that features remarkable operability. With a few simple operations, labels are formatted, printed, and automatically applied. In addition to the actual operation of the unit, virtually any person can freely create a label with easy-to-use software on their office PC.

# Labeling Work Evolves to the N the Growing Diversity of Labe

## Creative

### Freely Design Labels

The AP-700 incorporates a PC-based console, making it possible to freely select from a wealth of font types and other elements in order to create the label design. The system can print beautifully-designed labels to give the product optimum appeal.

•AP-700 All Purpose Printer  
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Font samples

## Clean

### Specially-Designed Platform Keeps Out Dust and Dirty

The efficiently-designed platform enables simple cleaning and maintenance, helping to keep the system dust and dirty free.

### "One Touch" Installation and Removal of Conveyor Belt

The conveyor belt can be installed and removed in a "one touch" operation, making for easy washing of the belt, and quick and simple cleaning of the entire internal mechanism of the conveyor.

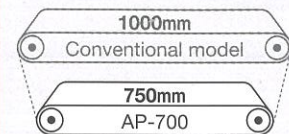
### Pipe Frame Construction

The pipe frame construction of the main unit makes it difficult for dust and dirt to adhere, and greatly aids in daily maintenance and in keeping the system and work environment neat and clean.

## Compact

### 750mm Conveyor

The short 750mm conveyor span helps achieve a space-saving, compact design. The entire labeling line can be easily integrated according to the requirements of the current work environment.



Top/bottom application models  
(In-house comparison)

## Practical

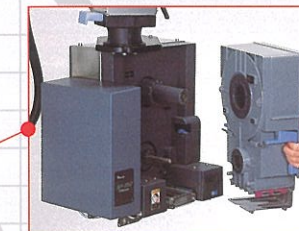
### Console with Enhanced Operability

The console features improved operability with the adoption of a 12.1-inch LCD touch display. It boasts a number of convenient features, including automatic measurement of conveyor speed and a thermal head gap alert.



### Label Paper Loading Using Cassettes

Label paper is loaded into the system using cassettes, another example of Teraoka's unique expertise. When the label paper cassettes are reloaded, the first new one is set for use automatically, and a special function alerts the operator before the paper completely runs out. An ID verification function ensures there is no miss-loading of cassettes.



## Accurate and Flexible

### Accurate Label Application Every Single Time

The system uses the latest high-precision air cylinder to increase precision of label application. Labels are applied to the exact location they are set to go thanks to the high precision that only automatic application can achieve.

\*The high-precision cylinder is optional.

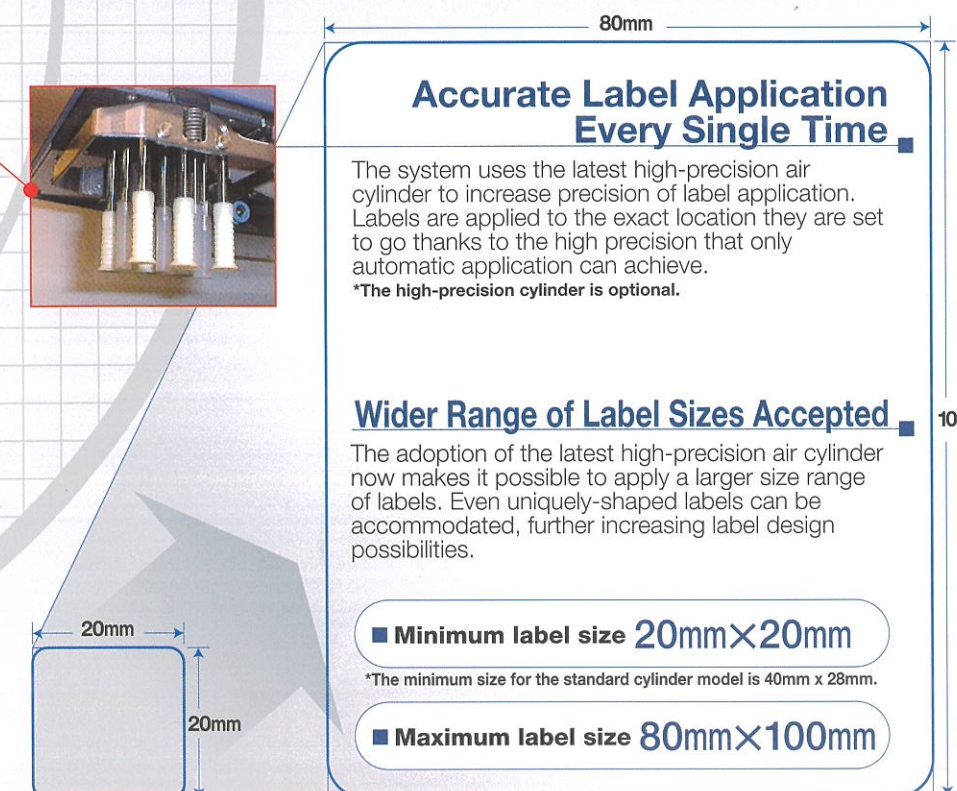
### Wider Range of Label Sizes Accepted

The adoption of the latest high-precision air cylinder now makes it possible to apply a larger size range of labels. Even uniquely-shaped labels can be accommodated, further increasing label design possibilities.

■ Minimum label size 20mm×20mm

\*The minimum size for the standard cylinder model is 40mm x 28mm.

■ Maximum label size 80mm×100mm



# Next Generation to Handle Printing Requirements

## Create Any Label Easily

With "Dr. Label" software for creating and managing labels for Windows®, virtually any label imaginable can be created. The system can print diverse range of highly-appealing labels through the creative use of software, data, and graphics.

### Barcodes

Two-dimensional barcodes



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株式会社 ABC商事 御中

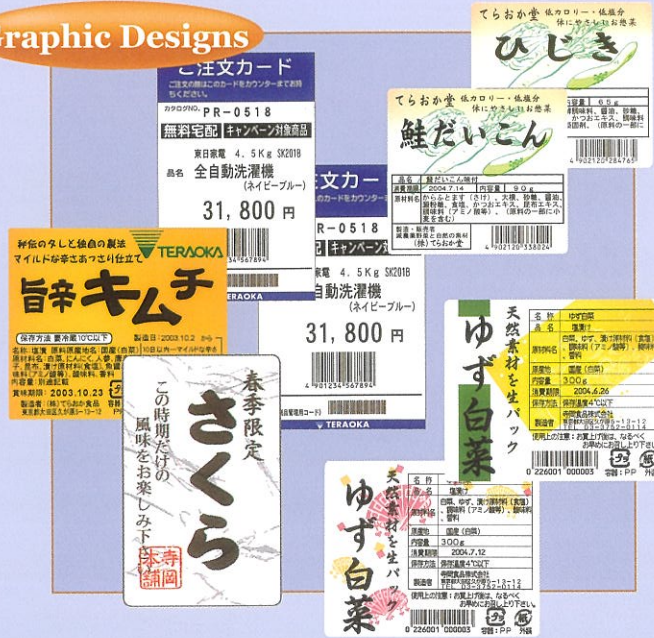
TEL 03-1234-5678

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現品表	
品名	L型クリップ
品番	SU-230L
数量	500個
出荷日	2004.8.28
個口数	4 / 5ケース
検品用	

株式会社寺岡精工

### Graphic Designs

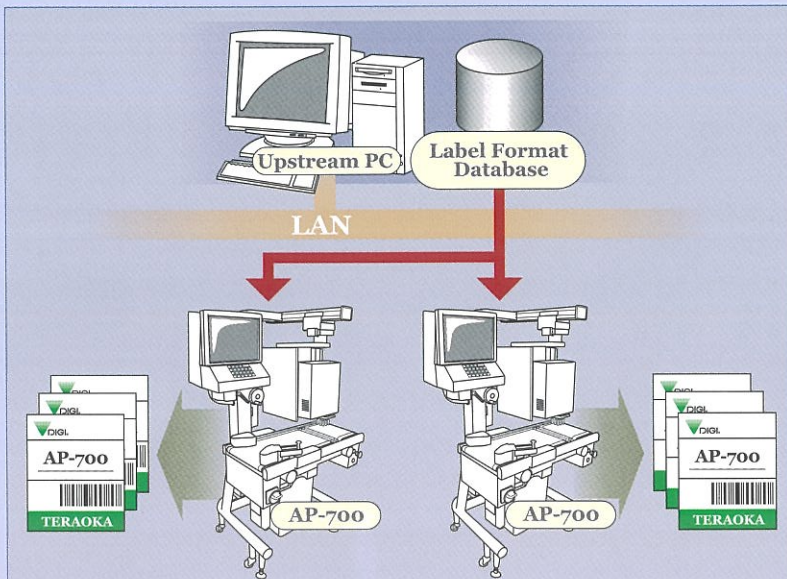


\*Windows® is a registered trademark of Microsoft Corporation in the United States and other countries.

## Network Application

### Use a Network to Share Label Format Data and Printing Details Created on an Upstream PC

Information can be Shared Between an Upstream PC and the Downstream AP-700 Systems



#### Sharing Formatting Data

The AP-700 system's label making capabilities can be expanded by using multiple units connected by a network and sharing labeling information. Data created on the upstream PC can be shared with the downstream AP-700 systems to produce labels easily.

#### Centralized Management of Printing Details

Details of label printing can be easily checked on the upstream PC screen. After the run is finished, a log of the details can be printed out.



# Outstanding Operability Makes the Entire Labeling Process, From Design to Printing, So Much Easier

## Printing Mode

- The console can display the identical label layout created, so the entire label design can be checked before printing.

Printing Screen



- The AP-700's LCD touch screen can be used to adjust the location where the label will be applied, the speed of the conveyor, and other parameters.

### Printing Adjustment Screen

The LCD touch screen enables the printing location of the label paper to be adjusted up or down, left or right. A minute adjustment to the printing location is only one touch away from the printing screen.



### Labeling Location Adjustment Screen

The labeling location can be freely adjusted up and down, forward or backward, or even rotated, in accordance with the shape and size of the product, while watching the LCD touch display.




## Design Mode

### Designing So Simple Anyone Can Create a Label


Label designs can be created using the PC layout screen. The software uses Free Format, enabling the location of text and illustrations to be freely moved, enlarged, or shrank with the mouse. Now anyone can create virtually any label desired.

**1**   
**Layout Settings**

Label size, font orientation, and other parameters can be easily set using numerical input.

**2**   
**Icons**

Settings can be selected using icons.

**3**   
**Text Settings**


The icon corresponding to the desired text alignment is selected and then the text is placed in desired location on the label using the cursor. Then it is laid out, using the mouse to fine-tune the size of the text, font, and precise location.

**4**   
**Image Settings**

Image data in bit map format can be freely laid out on the label.

**5**   
**Two-dimensional Barcode Settings**

QR code and other two-dimensional barcodes can be freely set.

**6**   
**Overall Balance**


While still being created, the entire label can be displayed and its balance can be checked. A test printing can even be performed.

### Completed layout



# Select From a Range of Models According to Your Work Environment

### AP-700U




Standard Features	Factory Options
<b>Thermal Head Type</b>	
Thermal Head Type <b>203dpi</b>	
<b>Conveyor</b>	
0.75m	No conveyor
<b>Application method</b>	
Standard air cylinder	High-precision air cylinder

### AP-700B



Standard Features	Factory Options
<b>Thermal Head Type</b>	
Thermal Head Type <b>203dpi</b>	
<b>Conveyor</b>	
0.75m	
<b>Bottom Labeler</b>	
New Design	

### AP-700UB



Standard Features	Factory Options
<b>Thermal Head Type</b>	
Thermal Head Type <b>203dpi</b>	
<b>Conveyor</b>	
0.75m	
<b>Application method</b>	
Standard air cylinder	High-precision air cylinder
<b>Bottom Labeler</b>	
New Design	

\*The bottom application models also require the air cylinder.

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## AP-700 Main Specifications

	AP-700U	AP-700B	AP-700UB
<b>Printing method</b>	Thermal printing		
<b>Label printing speed</b>	Max.200mm/sec. (max.150 labels/min.*)		
<b>Dimensions of product for labeling (Recommended)</b>	Width: 50~240mm Length: 50~350mm Height: 15~190mm	Width: 50~240mm Length: 70~350mm Height: 15~190mm	Width: 50~240mm Length: 70~350mm Height: 15~190mm
<b>Label dimensions</b>	<b>Top application (Standard cylinder)</b>	Width: 40~80mm Length: 28~100mm	Width: 40~80mm Length: 28~100mm
	<b>Top application (High-precision cylinder)</b>	Width: 20~80mm Length: 20~100mm	Width: 20~80mm Length: 20~100mm
	<b>Bottom application</b>	—	Width: 40~80mm Length: 28~80mm
<b>Bottom application labeler/forward, back positioning</b>	—	Front of center/adjustable up to 80mm	
<b>Power consumption (standby/operation)</b>	66.5w / 330w	59.2w / 270w	86.5w / 540w
<b>Main unit dimensions</b>	W681 × L750 × H1545 mm	W681 × L750 × H1380 mm	W681 × L750 × H1545 mm
<b>Conveyor height</b>	800 ± 50 mm		
<b>Flow direction</b>	Right, Left		
<b>Power supply</b>	Main unit: single phase 220-240V		
<b>Conveyor speed</b>	0~50m/min. (adjustable)		
<b>Air source</b>	Top application: max. 1.61liters/label Bottom application: max. 2.36liters/label		
<b>Main unit weight</b>	Approx. 110kg	Approx. 100kg	Approx. 130kg

\* Processing capabilities varies depending on size of products for labeling, size of label, and conveyor speed.

## Main Options



### Head Check:

Checks to see if the thermal head is worn out.



### Alarm Light:

Lights up as a warning when an error has occurred.



### Barcode Checker:

Self checks each barcode for correct reading before printing.

Scales, POS Equipment, Factory Automation

Searching for a New Balance

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\* Design, specifications and other aspects may change without prior notice.