SP8600

HOTMARKER®

AUTOMATIC MARKING MACHINE FOR
TUBE, MARKER LABEL & TERMINAL ID BOARD

CE

CTK CORPORATION

HOTMARKER®
SP8600 Thermal transfer printer for cable and wire identifications

Industries served

Our Hotmarkers have been widely used for cable identifications across many manufacturing industries including:
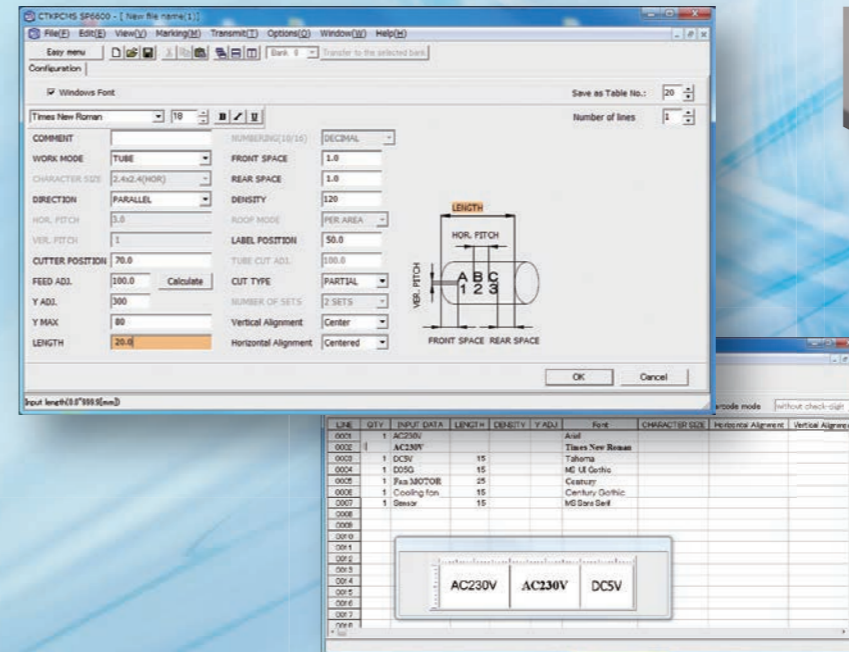
- Control panels / Switchgear
- Wire harnesses
- Industrial installations
- Heavy electrical machinery
- Aircraft / Shipbuilding
- Railway vehicle / Automobile

PC-link function

Bundled software "CTKPCMS" enables you to:
- Handle marking data efficiently with on-screen previews and error windows.
- Utilize Windows' TrueType fonts for marking native characters, etc.
- Print Code 39 barcodes.
- Transfer marking data to SP8600 with a USB flash drive.

Key features

You can produce different kinds of cable marker sleeves effectively, as you need.
SP8600 can automatically mark and cut various types of tubes.
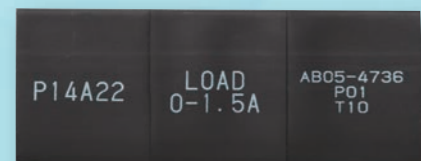Marking speed increased by about 10% (as compared with previous model SP6600)

Applicable tube size:
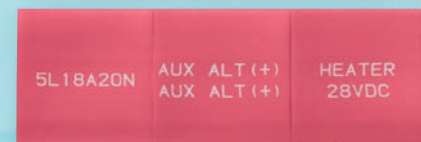Outside Diameter: 2.0~28.0 mm
Laid-flat width: 3.2~45.0 mm
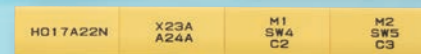
Marked samples
(heat shrink tubes)

Width (approx.)

P14A22   LOAD 0-1.5A   AB05-4736 P01 T10 — 40mm

5L18A20N   AUX ALT (+) AUX ALT (+)   HEATER 28VDC — 30mm

HQ17A22N   X23A A24A   M1 SW4 C2   M2 SW5 C3 — 15mm

Stand-alone use

Optional keyboard allows stand-alone operation through menu screen on the LCD.

Marked samples
(Tubes)

GALY FAN2   VLW-5 R3SUB   NLGEAR DOOR-L   AGTS   ENGINE BAY 1   CK123 200S

STP545   ZNR128   FG   STOP   DC5V

SP8600 MAIN SPECIFICATIONS

●MAIN UNIT

MARKING SYSTEM		Thermal head type
MODEL OF THERMAL HEAD		TPH933
APPLICATIONS	PVC tubes	O.D. 2.0 ㎜ through 28.0 ㎜
	Heat shrink tubes	Laid-flat width up to 45 ㎜ (approx.)
	Marker Labels	Precut type (PVCW0617, etc.)
		Long type (PETS0699, etc.)
	terminal ID boards	"HOTMARKER" brand of Marker Plates of various sizes
FONT STYLE		CTK original fonts
STANDARD FONTS	CHARACTER SIZE AND ORIENTATION	2.4 x 2.4㎜ (HOR/VER) 1.8 x 1.8㎜ (HOR/VER)
		2.4 x 1.2㎜ (HOR/VER) 1.8 x 0.9㎜ (HOR/VER)
		3.0 x 2.4㎜ (HOR/VER) 2.0 x 1.2㎜ (HOR/VER)
		5.0 x 3.0㎜ (HOR) 2.7 x 1.2㎜ (HOR)
	CHARACTERS INCLUDED※1	Numerals 0 - 9 Modern alphabet letters Capital: A - Z Lowercase: a - z Signs + - / . etc.
SPECIAL FONTS	1 CHARACTER SIZE	2.4 x 2.4㎜ (HOR) 3.0 x 2.4㎜ (HOR)
	1 KIND OF CHARACTERS	6 9 ⊕⊕☷⊪ __(underscore) preinstalled
	2 CHARACTER SIZE	4.0㎜/5.0㎜/5.5㎜※2
	2 KIND OF CHARACTERS	6 9 ⊕⊕☷⊪ __(underscore) preinstalled
NUMBERING FUNCTION		Automatic 4-digit decimal & hexadecimal numbering possible per text in ascending & descending order.
DATA DISPLAY		LCD with white backlight (40 digits x 4 lines)
INTERFACE		USB
DATA STORAGE		Max. 1,000 lines in main memory & Max 1,000 lines/bank x 8 banks in extended memory
PRODUCTION CAPACITY		About 4,900 pcs. per hour (under TUBE mode, 5 digis x 1 line marking on 20mm-long tubes)
POWER SOURCE		110 - 240VAC, 50/60Hz
DIMENSIONS		432(W) x 280(D) x 302(H) ㎜
WEIGHT		12.0 kgs

※1 Kinds of characters included may change depending on the character size & orientation.
※2 3 different sizes of characters are included in one font area.

●SOFTWARE (CTKPCMS for Windows for SP8600)

Required specs for PC	Operating system (OS)	Windows 8/8.1/10/11
	Hardware	PC having features recommended by each OS and equipped with USB port.
	RAM	Min. capacity recommended by each OS or above.
	Hard disc drive	Min. capacity recommended by each OS or above.
Barcode marking functions	Symbology	Compatible with Code 39
	Character size	40 points and larger recommended
	Check digits	Modulo 43 check digits can be appended.
	Recommended applications	PVC tubes of O.D. 4.0mm & larger (for marking barcodes only), Marker Labels & Marker Plates.

●CONSUMABLES

■ Marking Foils

Ref.	Width (㎜)	Length (M)	Color	Applications
S611-20	20	200	Black	PVC tubes Marker Labels Terminal ID boards
S625-20	20	200	White	
S619-20	20	200	Black	Polyolefin heat shrink tubes
S629-20	20	100	White	

■ Marker Labels (RoHS-compliant adhesive labels)

Size of each label (㎜)	PVC	PET ("est" brand)	
	White	White	Silver
6 x 17	PVCW0617	PETW0617	PETS0617
6 x 20	PVCW0620	PETW0620	PETS0620
6 x 23	PVCW0623	PETW0623	PETS0623
6 x long type	PVCW0699	PETW0699	PETS0699

■ Marker Plates (Terminal ID boards)
High quality & smooth surface for best printing results.
Packed in dust-protective transparent jacket.

Ref.	Width (㎜)	Length (M)	Color
MP-80-25	8.0	25	White
MP-85-25	8.5	25	White
MP-95-25	9.5	25	White
MP-100-25	10.0	25	White

■ PVC tubes
Hotmarker brand of genuine PVC tubes.
Most suitable to obtain legible printings with Hotmarkers.

●OPTIONAL PARTS
The following accessories are available at extra cost.

■ **USB English keyboard**
For stand-alone operation

■ **Tube holder TH400**
Space-saving tube holder for constant supply of tube

■ **Tube holder C-3**
Floor-type tube holder

■ **Tube reel set**
For using different sizes of tubes with C-3 / TH400

⚠ **PRECAUTIONS TO ENSURE SAFETY**

📖 Before using the machine, be sure to read the instruction manuals and understand the proper usage of the machine.

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