Continuous type (Head fixed type)
SCS 400 c series SCS 410 c /SCS420c/ SCS430c
It is easy to install in a compact size and supports multiple installations.
Running costs can be reduced by adding a radial control function
(ribbon save function).

Since it is ultra-compact design, installation is possible even in a small space.

Adopted a continuous formula that follows the encoder to form letters. Depending on the application, please choose from 1 inch 2 inch 3 inch.

• SCS410c Print area 32mm X 100mm
• SCS420c Print area 53.3mm X 200mm
• SCS430c Print area 74.6mm X 200mm

Radial ribbon save control

In the continuous type, there are a pattern to print at right angles to the film and a pattern to print in the flow direction, because the printing method is used when the film flowing under the printer head is moving.

When used for printing one line of dates, right-angle printing prints using the full ribbon width, so there is no waste of the ribbon. However, in the case of flow printing, since the ribbon is consumed beside the width of the ribbon, the upper and lower parts of the ribbon are wasted.

It is the function of "radial ribbon save control" that was developed to prevent such waste.

With a thermal printer with this function, the printer itself automatically arranges and controls character height and number of columns.

Because it assumes the printing of the date, it corresponds to only the 1-inch printer, but it is an effective and meaningful option function for those thinking with only date printing.
Touch panel input device WS 100

WS - 100 is an interface for our thermal printer.
Select print data registered in advance on SD card here. Input and set various information such as printing timing, number of printed sheets, manufacturing date / expiration date, lot number here.

Intermittent (head moving type)
SCS 400i series SCS410i/SCS420i

Compact size easy to install. Realized head movement according to print length.

Adopt intermittent method to move the head to print when the film stops. Although it becomes somewhat larger than the continuous type, it is still compact design as the head moves. Currently, 2 inch · 3 inch is under development with handling only 1 inch. Since there are restrictions on the printing area, please use it for printing limited to some extent such as date and lot number such as manufacturing date / expiration date.

- SCS410i Print area 32mm X 40mm
- SCS420i Print area 53.3mm X 40mm

Image checking device

It is attached after the thermal printer and instantly judges the state of the printed date.
Since the timing of shooting can be registered and memorized by the input device (WS - 100), the site checker starts working as soon as the printer starts up.
If it is not possible to correctly discriminate the most important date such as non-printout or blurring, it will be reported to the operator as NG to prevent printing mistakes.

- Thermal printer installation solution for packaging machine makers

Specification list
SCS 400 c Series (**Continuous type (Head fixed type)**

Brand	Shinmei		
Origin	Japan		
Assembling	Japan		
Warranty	Slandered 12 Months		
Product name / model	**SCS410c**	**SCS420c**	**SCS430c**
External dimensions	124(W)×187(H)×60(D)	124(W)×187(H)×82(D)	144(W)×198(H)×112(D)
Power supply	DC24・4A	DC24V・6A	DC24V・10A
Following speed	60～500mm/Seconds	60～500mm/Seconds	60～500mm/Seconds
Maximum print width	32×100mm	53.3×200mm	74.6×200m
Thermal ribbon	36×300M	57×300M	82×450M
weight	1.8kg	2.3kg	3kg
Printing method	Thermal transfer method		
Print density	300dpi		
Flow direction	Left and right handed correspondence		
Input method	Dedicated touch panel input device or PC		
interface	USB・RS232C(Option: LAN compatible[SCS420.430]): CAN compliant		
Calendar function	Auto Calendar		
font	Windows font		
Operating temperature	Temperature 5 to 40 ° C., humidity 10 to 85%(With no condensation)		
Radial control	1~5 split		

SCS 400i series (**SCS 400i series SCS410i/SCS420i** (Intermittent (head moving type)**)**

Brand	Shinmei		
Origin	Japan		
Assembling	Japan		
Warranty	Slandered 12 Months		
Product name / model	SCS410i	SCS420i(In development)	SCS430i(In development)
External dimensions	165(W)×187(H)×60(D)		
Power supply	DC24V・3A		
Following speed	100～200mm/Seconds		
Maximum print width	32×40mm		
Thermal ribbon	36×300M		
weight	2.2kg		
Printing method	Thermal transfer method		
Print density	300dpi		
Flow direction	Left and right handed correspondence		
Input method	Dedicated touch panel input device or PC		
interface	USB・RS232C		
Calendar function	Auto Calendar		
font	Windows font		
Operating temperature	Temperature 5 to 40 ° C., humidity 10 to 85%(With no condensation)		