MORICO®

HELIOS MINI/ALPHA/MULTI

Non-Contact, High-quality, Compact, Industrial Inkjet Printer
HELIOS Series is designed to imprint on cardboard boxes and other porous packing materials being transported on conveyer belt.
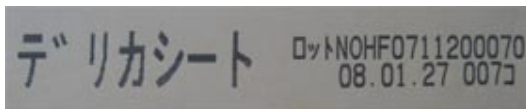
Imprinting Materials

Porous materials such as cardboard box, other paper-made box, wooden box, envelope, postcard, etc. (Cannot imprint on water-shedding cardboard box or film material)

Print

Numbers and Alphabets (Expiration date, manufacturing date, lot number, etc.)

Height of character: 5 - 25mm

High-resolution print using technology of HP, the world best printer manufacturer

Print Sample

Features

- No ink clogging, maintenance-free

- Print orientation Up/Down

- Enter data directly by keyboard

- All in one, simple set-up

HP Thermal Inkjet Printer is employed on Helios Series under the license agreement with HP.

HELIOS Series Line-Up

HELIOS ALPHA

2-line print, Low price

HELIOS MINI

Compact, Low price

HELIOS MULTI

2-line print on all 4 sides of box, by 1 controller

Optional Extras

HELIOS MINI + PRINT CHECKING SYSTEM MA230

This checking system discriminates not only missing print but also wrong date and low quality print, and sounds an alarm. With one touch panel, it is easy to set the printing data of IJP as well as what kind of wrong print to be discriminated by the checking system.

Lowest price ever!

HELIOS MINI
External Print Head

HELIOS MINI
Spring Bracket

Attachment to
Unicorn Bracket

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HELIOS Series SPECIFICATION

	HELIOS ALPHA	HELIOS MINI	HELIOS MULTI
Type of Inkjet	Thermal Inkjet		
Resolution	600dpi/300dp selectable	300dpi	600dpi/300dpi selectable
No. of Lines	1 or 2 lines	1 line	1 or 2 lines
No. of Print heads	1 head 2 cartridges	1 head	4 heads 2 cartridges × 4
Height of character	5 - 25mm set by 1mm	5 - 13mm set by 1mm	5 - 25mm set by 1mm
Print Speed	6 - 60m/min		
Print Font	2 types Mincho, Gothic		
Logo Register	YES 100 types	YES 1 type	YES 10 types
Calendar	Date (1 type), Expiration Date (1 type), Time, Julian Date		
Characters	Alphabets, Numbers, Katakana, Chinese Characters(30 letters)		Alphabets, Numbers, Katakana, Chinese Characters
Numbering	Up to 8 digits		
Print Orientation	Up / Down		
Data Register	100 data (can register different expiration dates)	21 data	100 data (can register different expiration dates)
Length of Print	Up to 30 data (Calendar is registered as 1 special character)		
Ink Low Alarm	YES	YES	YES
External Sensor	YES	YES	YES
Communication	RS485/LAN		
Other Functions	Registering parameter of each print, Warming-up Function	Warming-up Function	Registering parameter of each print, Warming-up Function
Ink Consumption	Approx. 3 million characters / 370ml (if Mincho font, 8mm height character, color density tone 4)		
Type of Ink	sWater-base pigment		
Ink Capacity	370ml, 42ml		
Color	Black		

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