



maccell™ DOD Ink jet

Product Info

maccell DOD ink-jet printing system has been focused on various applications and easy to operate. It has designed to impact, fine ink jet printer and adopts separated design, large graphic LCD and dialogue menu. You could get flexible, fine marking with fast 175 meters per minute speed. LP7000+ plus inkjet controller, one of maccell technology, can be used in a wide variety of field applications and designed to maximize user convenience with little supervision. Multi-language support and interactive menu display, easy message edition and other functions is a perfection choice for many users.



maccell™ Printhead

maccell printhead is another product of InterMac proprietary technology. It is designed to install and maintain easily with the most compact size. The solenoid valve in the printhead only weighs 3 gram and the size is 4 mm. Its size and structure make maccell printhead very unique and one of the most efficient device in the industry. Fast speed and easy-to-use valve ARRAY enable the system to adjust the size of large characters to smaller than other systems. In addition, pocket type solenoid valve helps users reduce maintenance costs and time.

InterMac offers two types of maccell printhead types. Printhead Type C uses water-based ink to mark on carton box and Type P printhead uses MEK based ink for non-absorbing surfaces like PP bag, steel, vinyl and glass.



maccell™
Solenoid
Valve



maccell
MEK base
Printhead



maccell
WATER base
Printhead



maccell
MEK base 32 dots
Printhead

Maccell special designed by Inter Mac



Stainless steel Ink supply system



Maccell ink reservoir is made of stainless steel. Its robust structure and durability help provide ink continuously and protect from any impact. Inter Mac provides two sizes of ink reservoirs 2.5 liter and 5.14 liter.



Wave utility bracket



Wave utility bracket is designed by Inter Mac and has made to solve error factor caused by difference of distance between product and printhead. It is useful on PP bag, paper bag, drum, uneven surfaces which can not be moved to a certain position. It can keep regular distance between Bracket and products, so it is possible to clean and fine marking on various surface. It also could be mounted top, side and bottom according to your preference.



AUTO flush system



Easy cleaning system enables the machine to clean inside of the printhead. It helps easy maintenance and complete cleaning work. In addition, it is possible to use for a long time with one ink refill because there are 3 types of large capacity SUS containers.



Air supply system



Maccell products use factory air supply. For some particular environment, InterMac installs air supply system A-1 into the printer.

Cases



Shipyard marking



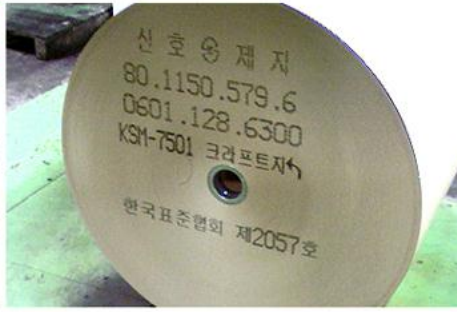
Bag marking



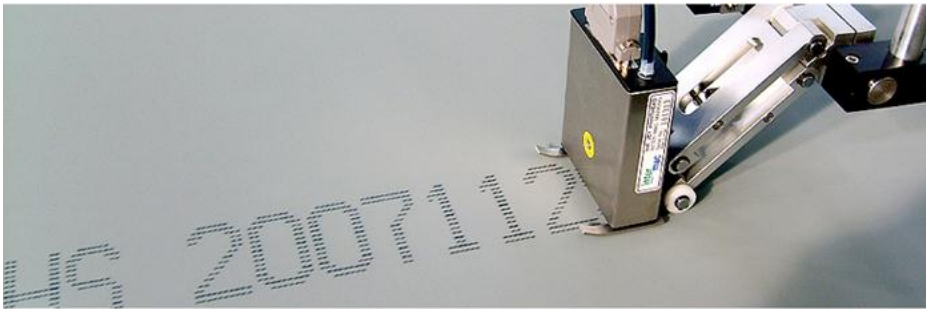
Carton Box marking



Paper Bag marking



Paper Roll marking

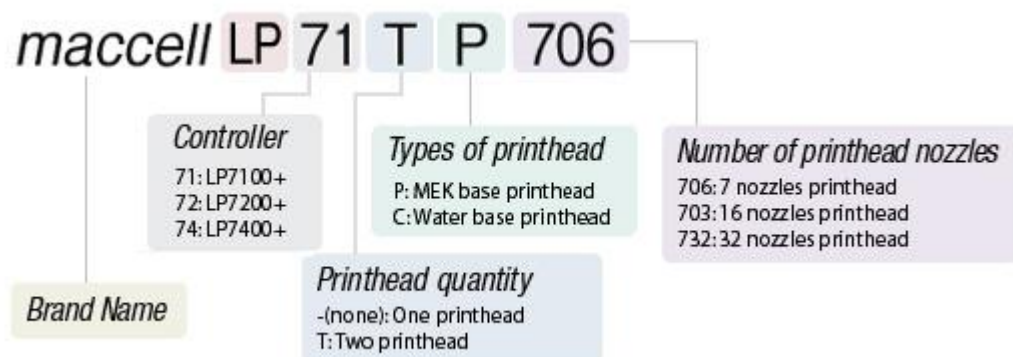


Primer Steel Plate marking

Specifications

ITEMS	maccell 7100+plus	maccell 7200+plus	maccell 7400+plus
Character Font(HXW)	5x5, 7x5 or 7x10 One line	5x5, 7x5 or 7x10 Two lines 16x10, 16x20 One line	5x5, 7x5 or 7x10 4wo lines 15x10, 15x20 Two lines 32x20, 32x40 One line
Character Height	7nozzles printhead 26mm "P" Type 14or24mm "C" T ype	16nozzles printhead 63mm "P" Type 33or60mm "C" T ype	32nozzles printhead 130mm "P" Type 68or 124mm "C" T ype
Data Storage	Text 1000 Chacters/1Line (7Dots, 16Dots matrix)		500Char/Line (32Dots matrix)
Print Speed	Up to 170 meters/min(max) "P" Type Up to 120 meters/min(max) "C" Type		
Memory Location	100 Each memory storage location		
Custom Characters	7 or 16(H)X122dots(W) 50 each graphic data		
Data interface	RS232, RS485		
Lan Networking	up to 15 controllers		
LCD Display	64(H) X 128(V) Dots back light graphic LCD		
Font reduction	Font Reduction 0,1,2 or 3 Changeable		
Print Function	Date, Real Time, Expiry date, Shift Time, Up-Counter Single/ Double/ Light print, Repeat print, Print direction Odd/ Even Counter, Repeat Counter		
Hot key Function Keypad	Dot size, Print speed, Print delay, Purge Tone up Keypad 59keys, Dialogue Menu		
Ink Container	2.5 Liters Stainless Steel Container(standard) 5, 14Liters container(option)		
Inks	M.E.K Base(Dye base) "P" type Water base "C" type		
Input Signal	Photocell for Printout, Speed Encoder		
Power	90-250V AC 60Hz		
Operating Temp	5-45℃		

Product Selection Guide



Ink Type

InterMac develops and distributes a wide variety of inks to our customers worldwide for maccell marking systems. The quality and chemical compatibility with all of maccell products are the top priority of Inter Mac.



Water base ink – for porous surfaces such as paper or carton box

Solvent base ink – for non-porous surfaces such as mirror, painted item, coated paper, etc.

MEK base ink – for on products that require fast ink dry