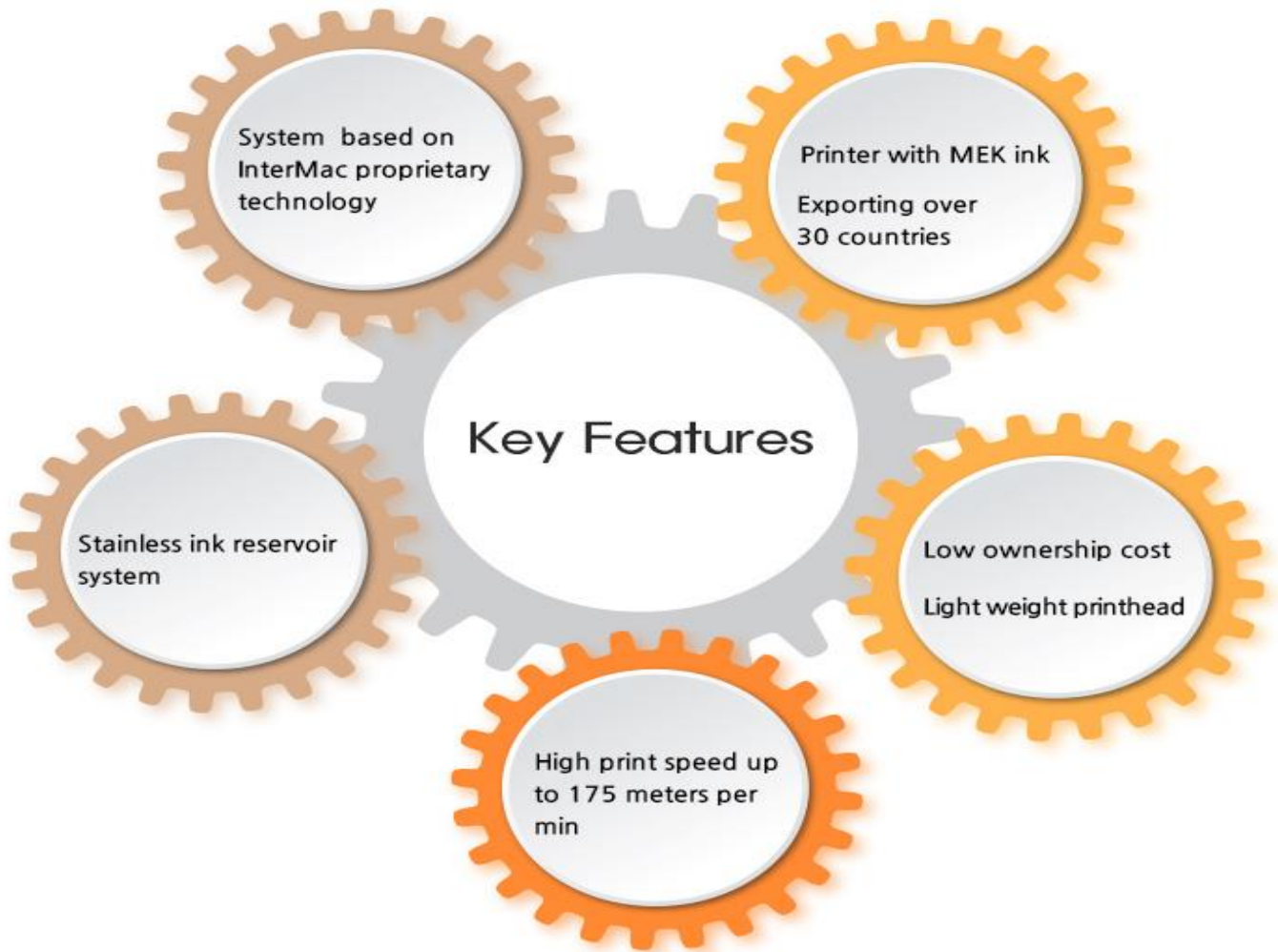


# maccell DÖD Ink jet



Industrial inkjet printer with state of the art



## 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







## 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



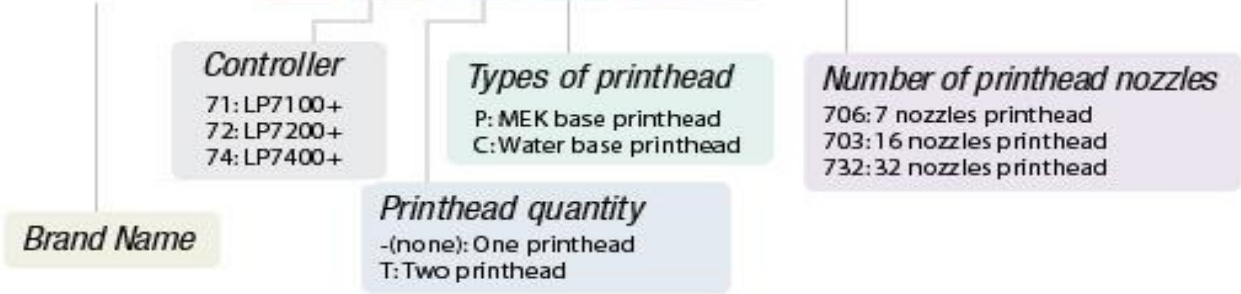
Maccell products use factory air supply. For some particular environment, InterMac installs air supply system A-1 into the printer.



| 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<br>16x10, 16x20 One line        | 5x5, 7x5 or 7x10 4wo lines<br>15x10, 15x20 Two lines<br>32x20, 32x40 One line |
| Character Height    | 7nozzles printhead<br>26mm "P" Type<br>14or24mm "C" T ype   | 16nozzles printhead<br>63mm "P" Type<br>33or60mm "C" T ype | 32nozzles printhead<br>130mm "P" Type<br>68or 124mm "C" T ype                 |
| Data Storage        | Text 1000 Chracters/1Line (7Dots, 16Dots matrix)  |  | 500Char/Line (32Dots matrix)  |
| Print Speed         | Up to 170 meters/min(max) "P" Type<br>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<br>Single/ Double/ Light print, Repeat print, Print direction<br>Odd/ Even Counter, Repeat Counter |  |   |
| Hot key Function    | Dot size, Print speed, Print delay, Purge   |  |   |
| Keypad              | Tone up Keypad 59keys, Dialogue Menu  |  |   |
| Ink Container       | 2.5 Liters Stainless Steel Container(standard)<br>5, 14Liters container(option)   |  |   |
| Inks                | M.E.K Base(Dye base) "P" type<br>Water base "C" type  |  |   |
| Input Signal        | Photocell for Printout, Speed Encoder   |  |   |
| Power               | 90-250V AC 60Hz   |  |   |
| Operating Temp      | 5-45°C  |  |   |

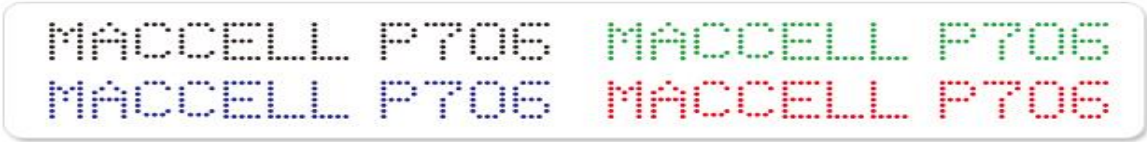


maccell LP 71 T P 706



## 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