

**Print Head**



**Fluid Cartridge**



**Ink System**



**5 Line full graphics (32 dot) Printing**  
Ensure high resolution printing

**Auto Nozzle Flushing**  
Ensure low maintenance and high up time

**Very Low Fluid Consumption**  
Ensure lowest running cost

**Open Ink System**  
With no time bound spare ensure low maintenance

**Max 300 M/Min Printing Speed**  
Enables it for high speed application

**1.5mm to 20mm adjustable Print Height**  
Enables it for wide application

**Full Graphics 8 inch Colour Touch Screen**  
Make it very user friendly

**Cartridge Based Fluid**  
Ensure no spillgae

**USB Connectivity**  
Ensures easy transfer of graphics, test and software

**Simple but smart print head design**  
Ensures easy Maintenance



**RYO**

Continuous Inkjet Printer



## **RYO Continuous Inkjet Printer**

### Printing Speed Capability

Can Print 1 to 5 line of print max speed up to 300M/min (5x5 matrix single line 10 character /inch)

### Font Matrix Configuration

Single Line: 5x5, 5x7, 6x10, 8x12, 11x16, 17x24, 24x24, 32x32

Double Line: 5x5, 5x7, 6x10, 8x12, 11x15

3 Line: 5x5, 5x7, 6x10

4 Line: 5x5, 5x7

5 Line: 5x5

### Nominal Character height

1.5mm to 20mm depending on font  
Max widened can be 9 times

### Throw Distance

Typical: 15mm  
Range: 5mm to 40 mm

### Display and Keyboard

8 inch full colour high definition touch screen  
Full touch virtual key board

### Custom Logo and Graphics

Can be created by individual user on printer or computer graphics software in BMP format

### Data Interface and connectivity

Standard USB for Logo, graphics, text and software  
RS232, Encoder, Sensor, Alarm beacon

### Message storage

More than 1000 message and expandable by USB drive

### Console dimension

Stainless Steel  
Height: 506 mm  
Width: 365 mm  
Depth: 270 mm

### Print Head Umbilical

Length: 2.7M (can be customised)  
Bend radius: 75 mm

### Fluid option

Ink colour: Black, white, blue, red, green, yellow etc  
Fluid type: 750ml ink smart Cartridge  
750ml makeup smart cartridge

### Temperature & Humidity range

Temp: 5° C to 45° C  
Humidity: 0% to 90% RH non condensing

### Electrical requirement

Typical power supply: 220V AC single phase 50/60Hz,  
120W uninterrupted

### Approximate weight

Unpacked and dry: 19 KG

Designed & Imported by :

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