

RX900f Color RFID Printer

The World's First On-Demand Foam-Backed RFID Tag Printer and Encoder.



RX900f Color RFID Printer, new from Primera, is a desktop full-color printer and RFID encoder for use with foam backed or pressure-sensitive RFID tags.

RX900f utilizes the latest in ultra-high-resolution color inkjet technology to print onto and encode foam backed RFID tags up to 1/8" (3.175 mm) thick all in a single pass. Print speed is fast at up to 4.5" (114mm) per second. The integrated UHF reader/encoder is supplied by RFID industry leader Intermec®. It supports EPC Global Class 1 Gen 2 as well as ISO 18000 -6B and -6C.

Built-in automatic RFID encoding with high-resolution, 4800 dpi color printing makes it ideal for applications that require foam backed RFID tags and human readable and/or unique identification marking. Specific applications include use on or near metals and liquids such as asset tracking of machinery and vehicles, racks and shelving in warehouses, retail item-level tags and specimen tracking in laboratories and medical facilities.



Fast and Reliable On-Demand RFID Printing

RX900f is a true on-demand printer, which means that it prints, encodes, verifies and dispenses foam-backed UHF tags one at a time or in batches. You can make exactly the number of full-color foam-backed RFID tags or pressure-sensitive labels you need when and where you need them.



Metal rack RFID tagging is an application that benefits from unique identification printed on each tag.

Features:

Built-in UHF reader/encoder from Intermec® – for reliable, consistent reading and writing of RFID inlays

4800 dpi print resolution – produces true photo-quality output along with ultra-sharp text, full-color graphics and high-resolution linear and 2D bar codes

Fast print speeds – up to 4.5" (114mm) per second

Separate ink cartridges for CMYK – allows you to replace only the color that needs replenishing

Adjustable antenna position and variable gain – allows radio signals to be perfectly read and encoded on a single label at a time with no overbleeding

Many substrates available – including water-resistant paper, polyester and polypropylene

Rugged metal frame and case – allows printer to be used in a wide range of environments, including right on the shop floor

Compatible with Windows XP/Vista/7 – allows easy integration with industry standard and custom third-party software solutions

The Price/Performance Leader

Primera is one of the world's leading manufacturers of specialty printers. With well over a million inkjet, thermal transfer, dye-sublimation and dot-matrix printers built, you can be confident that Primera's printers will deliver years of reliable performance.



Technical Specifications

Print Method:	Thermal inkjet
Print Resolution:	Up to 4800 dpi
Print Speeds:	Up to 4.5" per second in draft mode
Ink Cartridges:	Individual ink cartridges for Cyan, Magenta, Yellow and Black
Colors:	16.7 million
Color Matching:	Z-Color™ Color Matching Software included
RFID Module:	Compliant with EPC Global Class 1 Gen 2 and ISO 18000 -6B and -6C
Max. Print Width:	5.5" (134mm)
Media Width:	6.00" (152mm)
Media Types:	Roll-fed foam backed RFID tags, pressure-sensitive labels, roll-fed tags, fan-fold labels or tags
Media Sensing:	Moveable see-through sensor for die-cut labels; reflective sensor for labels and tags with black stripe; can use continuous and pre-printed labels and tags
Supply Roll:	6" (152mm) maximum diameter on 3" (76mm) core
Ink Level Warning:	Calculates actual number of prints remaining based upon ink usage of graphics being printed (patent-pending)
Indicator Lights:	Power, Pause, Ink
Controls:	Pause, Feed, Unload
Operating Systems:	Windows® XP/Vista/7 or higher
Data Interface:	USB 2.0; external control port
Label Design Software:	Seagull Scientific BarTender® Trial Version and NiceLabel™ SE Primera Edition included; can also be used with most other popular label design and graphics programs; RFID-capable Windows printer driver
Electrical Rating:	12VDC, 5.0A
Power Requirements:	100-240VAC, 50/60 Hz, 60 watts
Certifications:	UL, UL-C, CE, FCC Class B
Weight:	37.5 lbs (17 kg)
Dimensions:	17.25"W x 9.1"H x 17.25"D (438mmW x 231mmH x 438mmD)

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