RX900 Color RFID Printer

The world's first on-demand color RFID label and tag printer.

RX900, new from Primera, is a desktop full-color label and tag printer.

It utilizes the latest in ultra high-resolution color inkjet technology to produce labels and tags at speeds of up to 4.5" (114mm) per second and up to 8" (203mm) wide.

Built-in, automatic RFID encoding makes it ideal for applications that need both color and RFID, including file folders, asset tracking, retail & apparel tags, data storage tapes, lab specimens, wristbands, oversized identification badges, pharmaceuticals and much more.

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.

PRIMERA
TECHNOLOGY, INC.

Fast and Reliable On-Demand RFID Printing

RX900 is a true on-demand printer, which means that it prints, encodes, verifies and dispenses labels one at a time or in batches. You can make exactly the number of full-color RFID labels and tags you need when and where you need them.

Applications including evidence bags, data tapes, wristbands, marathon bibs and pharmaceuticals can all benefit from both high-resolution color printing and RFID technology.

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

Technical Specifications

Print Method:	Thermal inkjet with Primera Imaging Perfection (PIP) enhancements
Print Resolution:	Up to 4800 dpi
Print Speeds:	Draft Mode: 4.5" per second
Normal Mode:	1.8" per second
High Quality Mode:	0.8" per second
Print Head:	Semi-permanent, user-replaceable
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:	8" (203mm)
Media Width:	8.127" (206mm)
Media Types:	Roll-fed 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)

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.

PRIMERA
TECHNOLOGY, INC.

Two Carlson Parkway North
Plymouth, MN 55447
800-797-2772 (U.S.A. and Canada only)
763-475-6676 Fax: 763-475-6677
www.primeralabel.com
sales@primera.com