



Ceramic Decal Printing for All!

Print True Black, Grayscale, and True Blue ceramic decals

Easy • Food-safe • Affordable

CerPrint 311 Ceramic Decal Printers

One printer, two colors. Swap the cartridge for True Black or True Blue.

Reach beyond sepia ceramic decal images and expand your creative possibilities!

Rosetta Technologies **NEW** CerPrint 311 ceramic decal printers are the only laser printers on the market today that can print decals firing to True Black or True Blue.

Now studio potters, students, and hobbyists can easily create stunning, food-safe images on ceramic, glass, enamel, and porcelain objects using fluxed decal media and Rosetta Technologies' exclusive ceramic toners designed expressly for the modern ceramic artist.

The CerPrint 311 Black creates true black and crisp grayscale images ready for firing. The CerPrint 311 Blue produces true blue images ready for firing. Affordable and versatile, the black and blue ceramic toner cartridges can be used in either printer. You only need to purchase one printer and two cartridges. Simply swap cartridges to create images in the other color.

Two types of lamination decal papers are available; Low Fire for use with ceramic, glass, and enamel pieces, and High Fire for use with stoneware and porcelain. Decals fire from 1100 to 1650 degrees Fahrenheit. Both produce a clear, vitreous overcoat after firing. Requires a laminator.

- Create decals for almost any type of ceramic substrate – glazed, glossy, and matte.

- Superior image quality. Sharp, high resolution laser printed decals .
- Unmatched flexibility. Print purchased images or create original decal designs using your favorite design software.
- Durable & food-safe. Perfect for dinnerware, coffee mugs, serving trays, and promotional items.
- Consistent Results. Excellent for small sets and limited series as well as one-of-a-kind pieces.
- Choose your color. Black/grayscale and blue are available today.

Fire Up Your Creativity!

Packages include one printer, one toner cartridge, and a starter pack of high fire lamination decal paper.



What's in the Box?

Every CerPrint 311M Ceramic Decal Printer package includes:

- One 34-page-per-minute monochrome laser printer (Specify your preferred color when ordering, True Black or True Blue)
- One All-In-One CerPrint Ceramic Toner Cartridge (matching preferred color)
- Starter pack of High Fire Lamination Donor and Waterslide Papers (25 sheets)
- Software Installation Guide
- User manual with helpful tips for producing outstanding results

CerPrint 311 Ceramic Decal Printer Specifications

Note: The CerPrint 311 Black and CerPrint 311 Blue are identical in all respects except for the color of the included toner cartridge. Purchase an alternate color toner cartridge separately and freely switch between black and blue!

MAIN UNIT

Type:	Desktop Ceramic Decal Printer
Imaging Technology:	Laser beam with electro-photographic printing
Toner Type:	Dry ceramic decal toner, AIO print cartridge
Warm-up Time:	26 seconds or less
1st Print Time:	7.1 seconds or less
Continuous Print Speed:	34 pages per minute (Letter)
Monthly Volume:	Up to 5,800 prints/month
Maximum Duty Cycle:	Up to 35,000 prints/month
Operation Panel:	Tilting 4-line LCD panel + hard keys
Std. Paper Supply:	250-sheet Tray x 1 + 50-sheet Bypass = 300 sheets
Opt. Paper Supply:	250-sheet Paper Feed Unit x 1
Max. Paper Supply:	550 sheets
Auto Duplexing:	Standard (~ 40% productivity), 8.5" x 11" to 8.5" x 14"

Media Sizes

Standard Tray:	3.9" x 5.8" to 8.5" x 14"
Bypass Tray:	3.5" x 5.5" to 8.5" x 14"
Optional PFU:	5.5" x 8.5" to 8.5" x 14"

Paper Types

	High Fire Lamination Donor Paper
	Low Fire Lamination Donor Paper
	Unfluxed Lamination Donor Paper

Output Capacity: 125 sheets (face down)

Dimensions (WxDxH): 14.6" x 15.4" x 10.3"

Weight: 28.7 lbs.

Power Requirements: 120 – 127V, 60Hz, 7.7A

Power Consumption: 512 W Operating., 0.66 W Sleep

CONTROLLER

CPU: ARM11 @ 350 MHz

Memory: 128 MB RAM standard/maximum

Standard Interfaces: 10/100Base-TX Ethernet, USB 2.0 Type B

Optional Interface: IEEE 802.11 a/b/g/n Wireless LAN

Print Resolution: 600 x 600 dpi (Windows, Mac, Linux)

1200 x 600 dpi (Windows)

1200 x 1200 dpi (at 15-ppm) (Windows, Linux)

PDL Support: PCL 5e, PCL 6, PostScript 3 emulation

(Windows only)

Fonts: PCL 5e/6: 45 Scalable fonts +10 Bitmapped fonts

PS3 emulation: 35 Scalable fonts

Network Protocols: TCP/IP

Network O/S Support: Windows 8.1, 10, Server 2012/2016/2019

Macintosh OS X 10.10 -15, v11, Linux

Mobile Printing Support: RICOH Smart Device Connector, Apple

AirPrint®, Mopria®

Advanced Features: 1 – 999 Print Quantity, Collate, Dithering, Duplexing, Do Not Print Blank Pages, Front Cover, Layout/N-up, Reduce/Enlarge, Rotate, Toner Saving, Watermarks

Utilities: Ricoh Web Image Monitor

Ricoh @Remote (limited support)

Ricoh Device Manager NX Lite

Ceramic Decal Toner All-In-One Print Cartridges produce 500 pages based on 30% toner coverage. Actual yields may vary based on types of images printed and other factors. Specifications subject to change without notice.



Hardware, Supplies, Order Numbers

CerPrint 311 True Black Ceramic Decal Printer
Item # 33113110

CerPrint 311 True Blue Ceramic Decal Printer
Item # 33113111

CerPrint True Black Ceramic Toner Cartridge
Item # 12113005

CerPrint True Blue Ceramic Toner Cartridge
Item # 12113004

CerPrint Low Fire Lamination Donor Paper
Item # 11930008 (Fires at 1,150°F to 1,250°F, 50 sheets per pack)

CerPrint High Fire Lamination Donor Paper
Item # 11930001 (Fires at 1,550°F to 1,650°F, 50 sheets per pack)

IEE 802.11 Interface Unite, Type P16
Item # 31371002

Warranty: 2 Year, Support and Advanced Exchange
Item # 20340005

Visit our [gallery at CerPrint.com](http://CerPrint.com) to see some creative ideas and samples of finished fired pieces