

NORITSU

QSS *Green* III

The best just got better



Enhanced value

With QSS Green III's wide variety of print services, you can provide new ways for your customers to enjoy their photos.

Print Size Advantage

Enlargements / Panoramas

QSS Green III can make enlargements in sizes of 254 x 305 mm (10" x 12"), 305 x 457 mm (12" x 18"), and many other sizes, including panorama prints all the way up to 305 x 1,400 mm (12" x 55"). This enables you to provide personalized photo products such as poster prints, locker prints, and just about any custom print size you can think of.

Maximum print size

Roll Paper **305 x 1,400 mm**
(12" x 55")

Sheet Paper **330 x 635 mm**
(13" x 25")

* Prints made on sheet paper that exceeds 305 mm (12") in width will have borders on both sides in the width direction.



Enlargement print
305 x 457 mm (12" x 18')

Panorama print



Maximum paper advance length

1,400 mm (55")



High Performance

High speed printing keeps work flowing

Print speed is the key to maintaining smooth and steady profits. QSS Green III enables you to quickly fulfill urgent orders of any size without sacrificing its top-level print quality.

6" x 4" (152 x 102 mm)

approx. **950** prints/hour

10" x 8" (254 x 203 mm)

approx. **305** prints/hour

12" x 10" (305 x 254 mm)

approx. **223** prints/hour

* When outputting at 720 dpi

Compact size

Use less space to sell more with this compact minilab

QSS Green III has a space-saving design that makes it easy to install anywhere. Maximum sales from minimum floor space. That's what QSS Green III is about.

Footprint **0.69m²**
(7.43 sq.feet)

Enhanced opportunity

QSS Green III can open up a whole world of added value print products, producing great looking creative print products has never been easier.

Paper Advantage

A wide variety of paper *1

With more paper types to choose from, QSS Green III increases the range of value-added products you can offer. Single-sided prints, duplex prints, photo books and many other unique value-added products are all possible with this versatile minilab.

Pearlescent paper prints



Classy-look with glittering paper

Square prints



102 x 102 mm (4" x 4")

Collage prints



Duplex prints



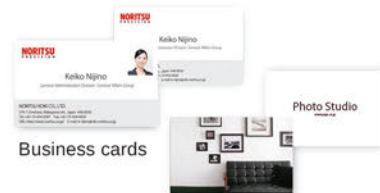
Photo books



Photo calendars



Greeting cards



Business cards

*1 In case of using non-Genuine Noritsu paper, QSS Green III only supports sheet paper with thicknesses in the range of 0.170 to 0.400 mm. Print quality and/or mechanical failure related to the use of non-Genuine Noritsu papers may not be covered by Noritsu warranty and/or your local dealer service program/s.

Roll Paper

Dual magazine system supports a countless variety of print sizes

This dual magazine system supports 2-lane paper magazines enabling up to 4 paper rolls (Width 89 to 152 mm / 3.5" to 6"). The feature provides a seemingly infinite variety of print sizes.

Example 1



Paper rolls with different paper widths

Example 2



Paper rolls with different paper surfaces



Enhanced business

With its high capacity and labor-saving features, QSS Green III has what photo retailers need.

Sheet Paper

Supports sheet paper as well as roll paper

QSS Green III can produce prints from both roll paper and sheet paper. Sheet paper gives you the ability to produce high quality duplex prints, which opens the door to a whole new realm of exciting value-added print possibilities.



Automatic Order Sorting

Two print sorters to choose from

You can choose the 4-order print sorter or the 12-order print sorter.

LED lights flag interrupted orders

EZ Controller software has always had the unique ability to interrupt orders in process to give preference to urgent orders. Now, with the 12-order print sorter, LED lights are used to indicate which trays have urgent orders and which have interrupted orders.



Economical / Eco-Friendly

Easy to use, easy on your wallet, and easy on the environment

There are no photofinishing chemicals involved with dry systems. This brings a reduction in time and costs as you no longer have to be concerned about maintaining specific chemical temperatures and conditions as well as the handling and disposing of chemical solutions. With the exception of paper, the only consumable replacement needed for this environmentally-friendly minilab is the ink cartridge which can easily be replaced by anyone.



Easy ink cartridge replacement

Energy-efficient

QSS Green III can help you cut your electricity bill drastically. It is estimated to use only 1/3 to 1/5 the amount of electricity that silver halide minilabs use. This reduction in power consumption makes it both economically-friendly and ecologically-friendly.

Silver halide minilabs

QSS Green III
Approx. **1/3** to **1/5**

*Compared to Noritsu silver halide minilabs.
Exact amount varies depending on the model.

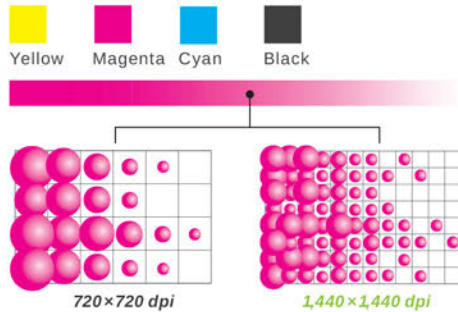
Enhanced quality

Using the technology Noritsu has developed over the years as a leader in silver halide printing, QSS Green III delivers a level of quality that exceeds all expectations.

High quality & High resolution

Beautiful, sharp prints with multiple dot gradation dye ink system

QSS Green III uses a high-grade dye ink system that accurately portrays fine details due to its multiple dot gradation technology. The high quality ink, combined with the excellent absorption of our genuine Noritsu paper, enables QSS Green III to produce outstanding print quality.



Two profiles to choose from

There are two profiles available as a standard feature of QSS Green III - A profile to emulate traditional printing (AgX) and a full color inkjet (IJ) gamut profile that explodes with colors well beyond the traditional look. The profile can be easily changed anytime to meet individual needs.



AgX Profile

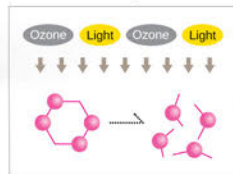


IJ Profile

High grade ink produces long lasting colors

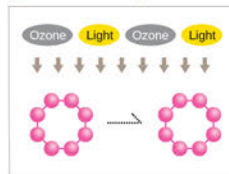
Prints made with conventional dye ink tend to fade quickly. However, the ink used in QSS Green III enables prints to withstand light and ozone. This is why QSS Green III prints boast excellent lightfastness and long lasting colors.

Molecular structure of conventional dye ink



Molecular structure is fairly weak resulting in deterioration and fading.

Molecular structure of QSS Green III dye ink



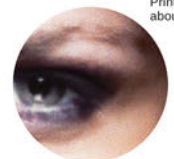
Molecular structure is strong and withstands decomposition. Your prints will be enjoyed for generations.

QSS Green III can make impressive 1,440 x 1,440 dpi high-resolution prints

1,440 x 1,440 dpi high resolution prints are less grainy and have smoother gradations than standard prints. This improves the portrayal of contrast, texture, and depth.



720x720 dpi



1,440x1,440 dpi

Print magnification about 5 mm

Different resolutions (the standard 720 dpi or the high resolution 1,440 dpi) can be registered in different print channels in EZ Controller. This enables you to easily change the resolution by simply changing print channels.

Optimize the image with EZ Controller

EZ Controller (Sold separately)

In addition to serving the important role of system operation software, EZ Controller has a wealth of advanced image correction functions to correct sharpness, contrast, noise, backlight, red-eye, under/over exposure, and more.



RAW file printing

High quality prints from RAW image files



Our EZ Controller software incorporates Adobe DNG conversion technology along with Noritsu's AccuSmart image processing technology. This means you can easily make high quality prints from RAW image files without using separate RAW file conversion software.

JPEG data



In this sample, a large portion of the pixel data in the original JPEG image has highlight areas that are too light. As a result, when the image is corrected, the overall light in the image is reduced, but the pixels representing the highlight areas that were too light are unsalvageable.

RAW data



Using RAW data, all gradations are used, producing an image that is well balanced. There are very few pixels with shadows that are too dark and highlights that are too light.

Specifications					
Printing system	Piezoelectric inkjet system				
Print resolution	720 x 720 dpi: 6 gradations per dot (5 dot sizes + no dot (White)) / 1,440 x 1,440 dpi: 4 gradations per dot (3 dot sizes + no dot (White))				
Print size	Roll paper Paper widths: 89, 102, 127, 152, 203, 254, 279, 305 mm (3.5", 4", 5", 6", 8", 10", 11", 12") Paper advance lengths: When the widths are 89 and 102 mm (3.5", 4") : 88.9(3.5") to 457.2 mm (18") When the width is 127 mm (5") : 88.9(3.5") to 840.0 mm (33") When the widths are 152, 203, 254, 279 and 305 mm (6", 8", 10", 11", 12") : 88.9 (3.5") to 1,400.0 mm (55")				
	Sheet paper Paper widths: 203 (8") to 330 mm (13") Paper advance lengths*2: 178 (7") to 625 mm (24.6")				
Maximum print size	Roll paper: 305 x 1,400 mm (12" x 55") Sheet paper: 330 x 635 mm (13" x 25")				
Paper types*1	Roll paper Noritsu proprietary inkjet photo paper Glossy Paper widths: 102, 127, 152, 203, 254, 305 mm (4", 5", 6", 8", 10", 12") Paper roll length: 100 m (328 feet) Semi-glossy Paper widths: 102, 127, 152, 203, 254, 305 mm (4", 5", 6", 8", 10", 12") Paper roll length: 100 m (328 feet) Pearlescent Paper widths: 203, 254, 305 mm (8", 10", 12") Paper roll length: 50 m (164 feet)				
	Sheet paper (Sold by Noritsu)	Print size*2	Double-sided sheet paper (Thin, Semi-glossy)	Double-sided sheet paper (Thick, Semi-glossy)	Double-sided sheet paper (Thick, Folded, Semi-glossy)
		203 x 203 mm (8" x 8")	Supported		
		210 x 297 mm (8.3" x 11.7")	Supported	Supported	
		254 x 203 mm (10" x 8")	Supported		
		279 x 216 mm (11" x 8.5")	Supported	Supported	
305 x 305 mm (12" x 12")	Supported				
254 x 178 mm (10" x 7")			Supported		
Ink	4 colors of dye ink: Y (Yellow), M (Magenta), C (Cyan), BK (Black) Volume: 500ml per color				
Dimensions	See "External view" below				
Weight	Printer with the 4-order print sorter unit: Approx. 232.5 kg (512.6 lbs) (excluding options, paper and ink cartridges) Printer with the 12-order print sorter unit: Approx. 242.4 kg (534.4 lbs) (excluding options, paper and ink cartridges)				
Power specifications	AC 100-120V / 200-240V 1P2W				
Rated power capacity	1,440VA or less				

*1 Paper types are subject to change without notice.

*2 Indicates the size of the print as it comes out of the printer. Each sheet paper size is 10 mm longer (in the advance length direction) before it is printed.

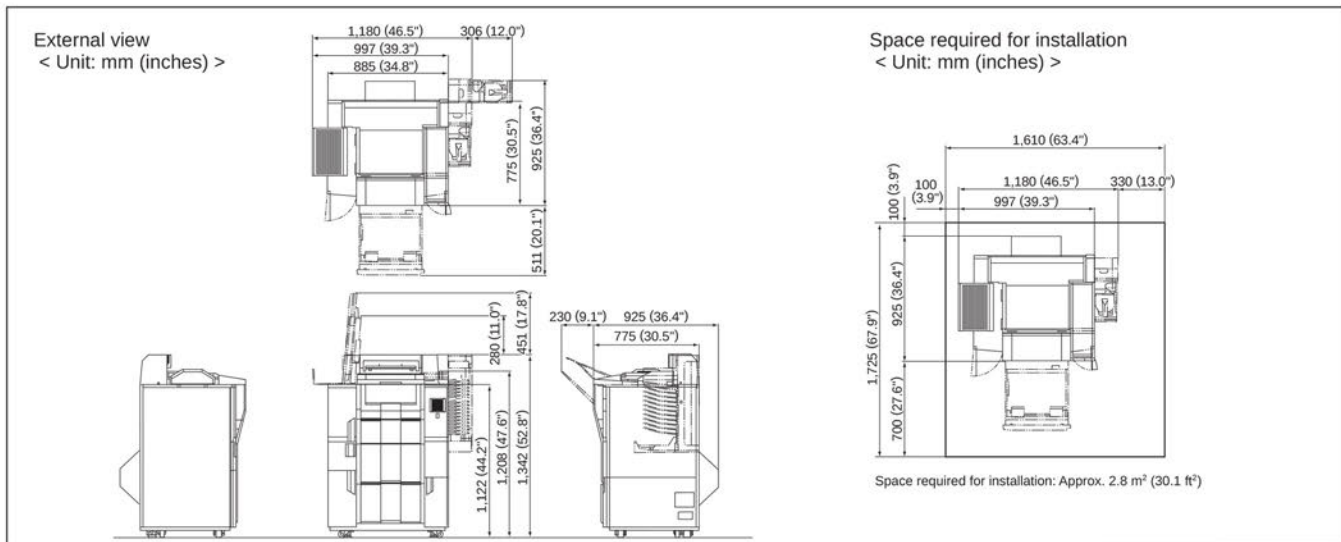
Print capacity for roll paper (prints/hour)*1*2		
Print size (Width x Advance length)	Print resolution: 720 dpi Prints/hour (Approx.)	Print resolution: 1,440 dpi Prints/hour (Approx.)
127 x 89 mm (5" x 3.5")	1,180	404
152 x 102 mm (6" x 4")	950	320
89 x 127 mm (3.5" x 5")	1,031	350
102 x 152 mm (4" x 6")	825	275
127 x 178 mm (5" x 7")	639	209
203 x 102 mm (8" x 4")	633	213
203 x 254 mm (8" x 10")	280	89
203 x 305 mm (8" x 12")	236	74
254 x 203 mm (10" x 8")	305	97
254 x 305 mm (10" x 12")	209	65
305 x 203 mm (12" x 8")	274	86
305 x 254 mm (12" x 10")	223	69
305 x 457 mm (12" x 18")	127	39
305 x 914 mm (12" x 36")	55	19
305 x 1,400 mm (12" x 55")	33	12

Print capacity for sheet paper (prints/hour)*1*3		
Print size (Width x Advance length)	Print resolution: 720 dpi Prints/hour (Approx.)	Print resolution: 1,440 dpi Prints/hour (Approx.)
203 x 203 mm (8" x 8")	161	61
210 x 297 mm (A4 / 8.3" x 11.7")	129	48
254 x 178 mm (10" x 7")	156	58
254 x 203 mm (10" x 8")	146	54
279 x 216 mm (Letter / 11" x 8.5")	132	49
305 x 305 mm (12" x 12")	106	38

*1 Using Noritsu proprietary inkjet paper (Calculated according to our criteria. The capacity you achieve may be different.)

*2 The capacities listed for 152 mm (6") and smaller print sizes represent the capacity when two paper rolls of the same width and same surface are loaded in a two-lane magazine.

*3 The above figures signify single-sided print capacity.



Noritsu America Corp.

The specifications, information, and appearance of the machine herein are subject to change without notice.



Our products have been manufactured under an ISO 9001-certified quality assurance system.

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