

NORITSU

D705

A high performance dye printer for professional applications

The compact all-rounder





The ideal dry printer solution for retailers.
The D705 unlocks the key to progressive possibilities
in the photo retail business.

A progressive printer that leads the way



With all the digital cameras and cameraphones in people's hands throughout the world today, photography has become very commonplace. This is an encouraging trend, but the photography process should not end at the image capture stage.

Ideally, image output should be just as commonplace as image capture, and we believe the D705 is just the right printer to trigger an increase in consumer printing.

This dry printer makes it easy for retailers to provide exciting print services, and it provides endless possibilities for meeting the needs of progressive photo retailers and the customers they serve.



For progressive shops

Space-saving design. Opens up more space for value-added products and other retail needs, etc. Minimal investment required to start up a new business. A household power supply and a PC are all you need to provide a high-grade print service.



For progressive customers

High quality prints produced with newly developed ink. An array of value-added photo products that create excitement and motivate customers to print. The excellent image permanence ensures your customers' precious photos will withstand the test of time.



For progressive workflows

Dry system. No photofinishing chemical maintenance. Numerous options to improve workflow efficiency. Environmentally-friendly. Safe and clean.



For progressive network systems

Smooth operation with the EZ Controller. Easy image correction and order management. Scalable system configuration to meet individual needs.



For progressive shops

This ultra compact design will open the door to a new realm of possibilities.

The reduction in installation space is one of the attractive features of dry printers. The small footprint helps to free up space, which can be used for creative purposes such as providing new services.

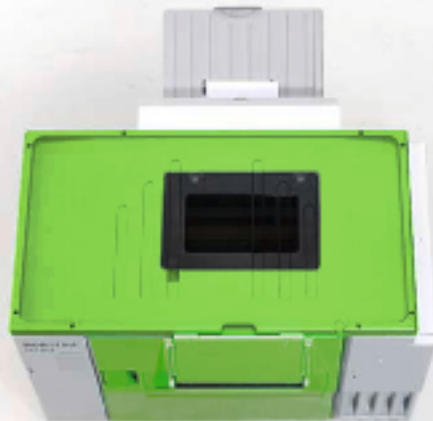
A footprint of just 0.35m². Can freely change the layout according to your needs.

The D705's small body helps you use your floor space effectively. The space saved provides a larger area for your customers to roam around, and it makes more space available for showing your customers the value-added products you offer.

More space
to talk
with your
customers

More space
to display
value-added
products

Its compact
size makes it an
ideal solution
for studios
and coffee shops.



Footprint
Approx.

0.35m²

Small but powerful. Can connect multiple printers for an increase in capacity.

When using roll paper, the D705 can produce up to 650 prints per hour. If you need a higher capacity, you can always install multiple printers. Their small size and the stacking feature make it possible to produce large volumes in a minimal amount of space.

Roll paper (4R: 152 x 102mm)

Approx. **650** prints / hr

When double stacking

Approx. **1,300** prints / hr

Sheet paper (210 x 307mm)

Approx. **33** prints / hr

Double Stack Cabinet
OPTION



Low initial investment. Low running costs.

The D705 requires a substantially lower initial investment than silver halide printers, and this makes it a wise purchase for those who are opening a new shop. No photofinishing chemicals are used, which eliminates the need to wait around for chemicals to warm up to their proper temperature. With the D705, you can print the images you need, in the exact quantity you need, when you need them. This reduces waste and helps to keep the total costs down.

All you need is a computer and a household power supply. This makes it easy to install just about anywhere.

This printer does not have any special electrical requirements and does not require the use of a RIP*PC. These two things make it easy for anyone to install right away, and the printer's short time for first-print output give you an instant competitive edge.



Time to first print

152 x 102mm (6" x 4") >>>>> Approx. **49** seconds

254 x 203mm (10" x 8") >>>>> Approx. **62** seconds

*RIP: Raster Image Processor

Calculated using digital camera media (6 megapixels) and the EZ Controller (High-spec. PC). Calculated according to our criteria. The actual capacity you achieve may be different. When printing the A4 size (210 x 297mm), you need to cut 5mm off the rear edge of the print after it is printed. (The front edge is cut off automatically (5mm).)



For progressive customers

A printer that turns your memories into treasures.

The D705 gives your precious images a tangible form by turning them into beautiful prints.

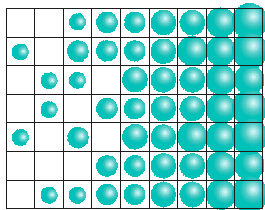
Beautiful sharp prints with the 6-gradation-per-dot ink system.

The D705 uses a newly developed dye ink system that accurately portrays fine details due to its excellent gradation range of 6 gradations per dot. The high quality ink, combined with the excellent absorbing ability of the paper, enables the D705 to produce high quality prints that do not take a back seat to silver halide photos.

4 color dye ink system



6 gradations
(No dot variation + 5 dot sizes)



Fine gradations resulting in photos with smooth color tones

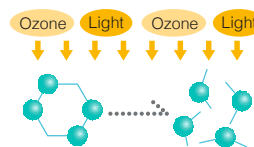
High quality prints with excellent portrayal of vivid colors and smooth gradation



High quality prints. High grade ink that produces long lasting colors.

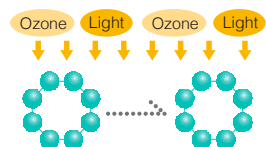
The new dye ink used in the D705 has an improved molecular structure so it is able to withstand light and ozone.

Molecular structure of conventional dye ink



Parts of the molecular structure are weak. Results in deterioration and fading.

Molecular structure of D705 dye ink



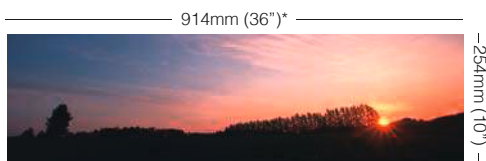
The dye ink used in the D705 has been improved to withstand deterioration, making it ideal for fade-resistant prints.



Customers can order value-added photo products on CT terminals

The D705 provides many exciting ways to turn your customers' precious images into high quality photo products.

Prints are a great way to convey the fun, the many possibilities, and the essential value associated with photos. The D705 can make a wide variety of print sizes, including 254 x 914mm (10" x 36")* and many other sizes. This printer provides the perfect solution for catering to the basic customer needs of "wanting to enjoy their photos" and "wanting to preserve their memories."



Super Wide Prints

*The maximum advance length when not using a RIP-PC is 610mm (24")



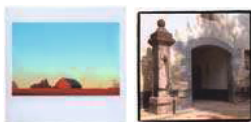
Photo Paper Bags



Desktop Calendars



Greeting Cards



Square Photos



Design Albums



colorful albums



CD Cases



For a progressive workflow

Scalable to your needs. Maintenance is easier than ever.

There is no need for chemical management with this dry system.
It has an array of convenient options to make your job all that much easier.

The print sorter unit is an indispensable asset. **OPTION**

A print sorter unit is available to improve operator efficiency. This eliminates hassle by automatically separating your customers' prints into orders.



A Long Print Stocker is included with the Print Sorter Unit

Orders

8 orders

Maximum
no. of prints

50 prints / tray

A dry printer that does not use photofinishing chemicals. It is friendly to the environment, and ink replacement is a breeze.

There are no photofinishing chemicals involved with dry systems, which means you do not have to worry about maintaining specified temperatures, handling and disposing solution, or other related troublesome tasks. The only real maintenance that is required for this environmentally-friendly printer is ink cartridge replacement, which is very easy for anyone to do.



Simple ink cartridge replacement



Can handle large-volume demands and a wide variety of print sizes. When one roll runs out of paper, it automatically switches to the other roll.

An optional magazine can be added so as to enable you to use a total of two paper rolls including the built-in roll paper loading system. This allows you to use different size rolls for print size variation. Also, if you choose to use the same size paper, the D705 will continue to print even when one roll is depleted, as it will automatically switch to the other roll.



Roll paper replacement is easy



Using two rolls enables an array of print sizes **OPTION**



The sheet paper tray can be folded and tucked away

It is possible to use sheet paper even when the paper magazine is attached.

A wide variety of paper sizes. High quality paper for beautiful photos.

Many varieties of high quality paper are available for the D705. This means the finest quality paper is used in the finest quality printer, resulting in prints of the utmost quality.



A wide variety of paper types and sizes



Easy operation with an intuitive user interface.

A flexible system configuration that can be scaled to meet your particular needs.
A wide variety of software and peripheral equipment to choose from.

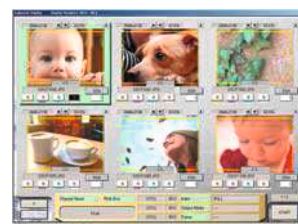
Everything from order management to image correction. Can be used to drive the D705 and its system components.

EZ Controller (Sold separately)

The EZ Controller takes care of everything from printing to managing the orders. The graphic user interface is easy to use, even for beginners.



"Easy Operation" Order Display



PJP Display



Solution for those who want a simple one-to-one connection

Operation without a RIP-PC

Installing RIP software in the controller PC eliminates the need for a separate RIP-PC.

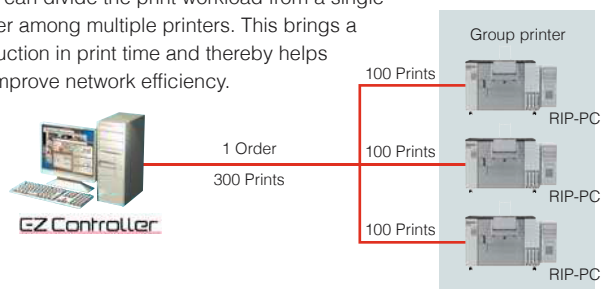
— USB
— Ethernet



Solution for those who want to divide their print load among multiple printers

Group print function^{*1}

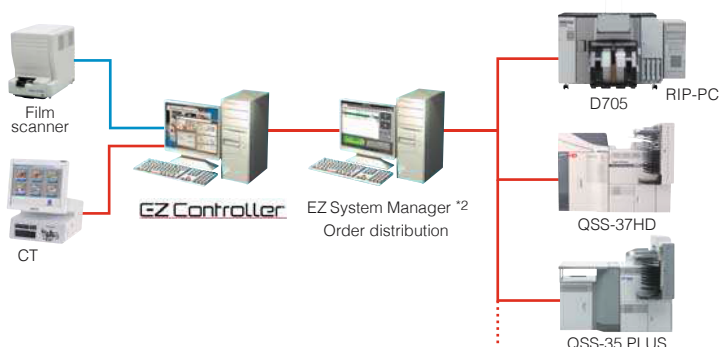
You can divide the print workload from a single order among multiple printers. This brings a reduction in print time and thereby helps to improve network efficiency.



Solution for those who have large print volumes

Multiple printer connection^{*1}

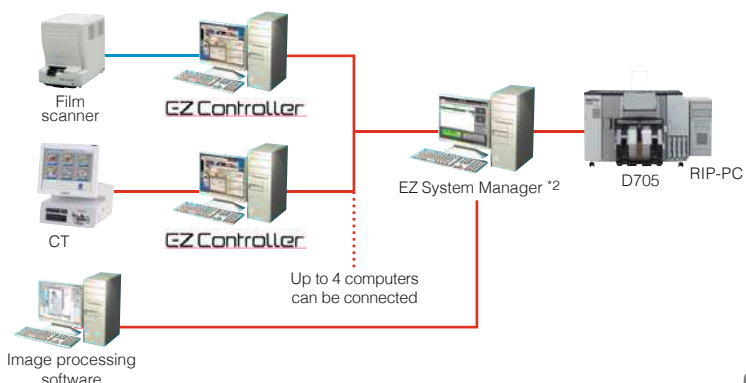
You can construct an efficient network by connecting multiple printers, mixing and matching various models including QSS minilabs (QSS-32 series and higher). Installing the newly developed EZ System Manager enables automatic distribution of the print workload among multiple printers in the network. The EZ System Manager intelligently calculates the optimal print distribution pattern, taking into account which printers are busy with other print jobs.



Solution for those who have multiple operators

Multiple input device connection^{*1}

You can improve efficiency by connecting multiple computers and dividing the PJP and image correction/editing operations among these computers and perform these tasks concurrently. This is especially useful for large-volume shops as well as those offering an instant print solution.



^{*1} A RIP-PC is required for the D705 when using an Ethernet connection and when using a multiple printer connection.

^{*2} EZ System Manager is scheduled to be released in summer 2009.

D705		
Film types*1	LS-600/1100, HS-1800	Color negative and positive, B&W negative
Film formats*1	LS-600 / 1100	135F, 135H, 135P, 135FP, 135FPS, IX240
	HS-1800	110, 135F, 135H, 135P, 135FP, 135FPS, IX240, 6x4.5, 6x6, 6x7, 6x8, 6x9
Compatible input media*2+3	Standard	HDD, CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R, DVD+R, DVD-RW, DVD+RW, DVD-RAM
	Option	Microdrive, CompactFlash, SmartMedia, SD Card, MMC, RS-MMC, Mini SD Card, Memory Stick, Memory Stick Pro, Memory Stick Duo, Memory Stick Pro Duo, xD-Picture Card, USB Flash Memory
Compatible output media*2+3	Standard	HDD, CD-R, CD-RW, DVD-RAM
	Option	DVD-R, Microdrive, CompactFlash, SmartMedia, SD Card, MMC, RS-MMC, Mini SD Card, Memory Stick, Memory Stick Pro, Memory Stick Duo, Memory Stick Pro Duo, xD-Picture Card, USB Flash Memory
Printing system	Inkjet system	
Print resolution	720x720dpi	
Film scanning method*1 (LS-600/1100, HS-1800)	Main scanning: Independent line exposure via 3 line CCD Sub scanning: Film movement	
Print Sizes	Roll paper: Width: 102, 127, 152, 203, 254mm Advance length: When the width is 102, 127, 152mm: 89 to 457mm When the width is 203, 254mm: 89 to 914mm (An option is required when making prints with an advance length that exceeds 457mm) Sheet paper: Width: 127 to 216mm Advance length: 200 to 297mm Max. no. of sheets: Up to 20 can be set in tray	
Maximum print size	254 x 914mm* (Roll paper) / 216 x 297mm (sheet paper) *The maximum advance length when not using a RIP-PC is 610mm (24")	
Paper specifications	Roll paper: Noritsu inkjet photo paper (semi-glossy/glossy) Paper thickness: 242µm Length of paper roll: 100m Sheet paper: Noritsu recommended paper	
Ink	4 colors of dye ink: Y (Yellow), M (Magenta), C (Cyan), BK (Black) Volume: 500ml per color	
Dimensions	See "External view" below	
Weight	Scanner*1 (LS-600/LS-1100/HS-1800)	LS-600: Approx. 16.7kg / LS-1100: Approx. 17.5kg / HS-1800: Approx. 18.6kg
	D705	Approx. 96.0kg (Not including RIP-PC)
Power specifications	AC100-120V / 200-240V 1P2W (Not including RIP-PC)	
Rated power capacity	800VA or less (Not including RIP-PC)	

*1 The film scanner (LS-600/LS-1100/HS-1800) is sold separately.

*2 Going through the EZ Controller (sold separately).

*3 Capacities may vary depending on the PC, card reader used.

Capacities shown above represent values when using the computer system supplied by Noritsu Koki.

RIP-PC	
CPU	Celeron D 3.2 GHz
OS	Windows XP Professional SP2 English version
Memory	512MB
Hard disk	40GB
Media drives	CD-R drive
External interface	Ethernet (1000 base): 1 port USB 2.0: 3 ports PS/2: 1 port Video (VGA): 1 port Serial (COM): 1 port Parallel (EPP/ECP support): 1 port

Repeat Printing Capacity (prints/hr)		
Print size (Width x Paper advance length)	Paper	Capacity (Approx.)
127 x 89mm (5" x 3.5")	Roll	750
102 x 152mm (4" x 6")		510
152 x 102mm (6" x 4")		650
203 x 254mm (8" x 10")		250
254 x 203mm (10" x 8")		280
254 x 305mm (10" x 12")		195
203 x 264mm*5	Sheet	35
210 x 307mm*5		33

135F Negative Film Print Capacity (prints/hr) *1				
Print size (Width x Paper advance length)	Paper	Capacity (Approx.)		
		LS-600	LS-1100	HS-1800
127 x 89mm (5" x 3.5")	Roll	600	750	
102 x 152mm (4" x 6")		510	510	
152 x 102mm (6" x 4")		600	650	
203 x 254mm (8" x 10")		250		
254 x 203mm (10" x 8")		280		
254 x 305mm (10" x 12")		170	190	160
203 x 264mm*5		Sheet	35	
210 x 307mm*5	33			

4 Megapixel Digital Camera Print Capacity (prints/hr) *2 *3		
Print size (Width x Paper advance length)	Paper	Capacity (Approx.)
127 x 89mm (5" x 3.5")	Roll	750
102 x 152mm (4" x 6")		510
152 x 102mm (6" x 4")		650
203 x 254mm (8" x 10")		250
254 x 203mm (10" x 8")		280
254 x 305mm (10" x 12")		195
203 x 264mm*5	Sheet	35
210 x 307mm*5		33

6 Megapixel Digital Camera Print Capacity (prints/hr) *2+4		
Print size (Width x Paper advance length)	Paper	Capacity (Approx.)
127 x 89mm (5" x 3.5")	Roll	750
102 x 152mm (4" x 6")		510
152 x 102mm (6" x 4")		650
203 x 254mm (8" x 10")		250
254 x 203mm (10" x 8")		280
254 x 305mm (10" x 12")		195
203 x 264mm*5	Sheet	35
210 x 307mm*5		33

*1 When used with the separately sold EZ Controller and film scanner.

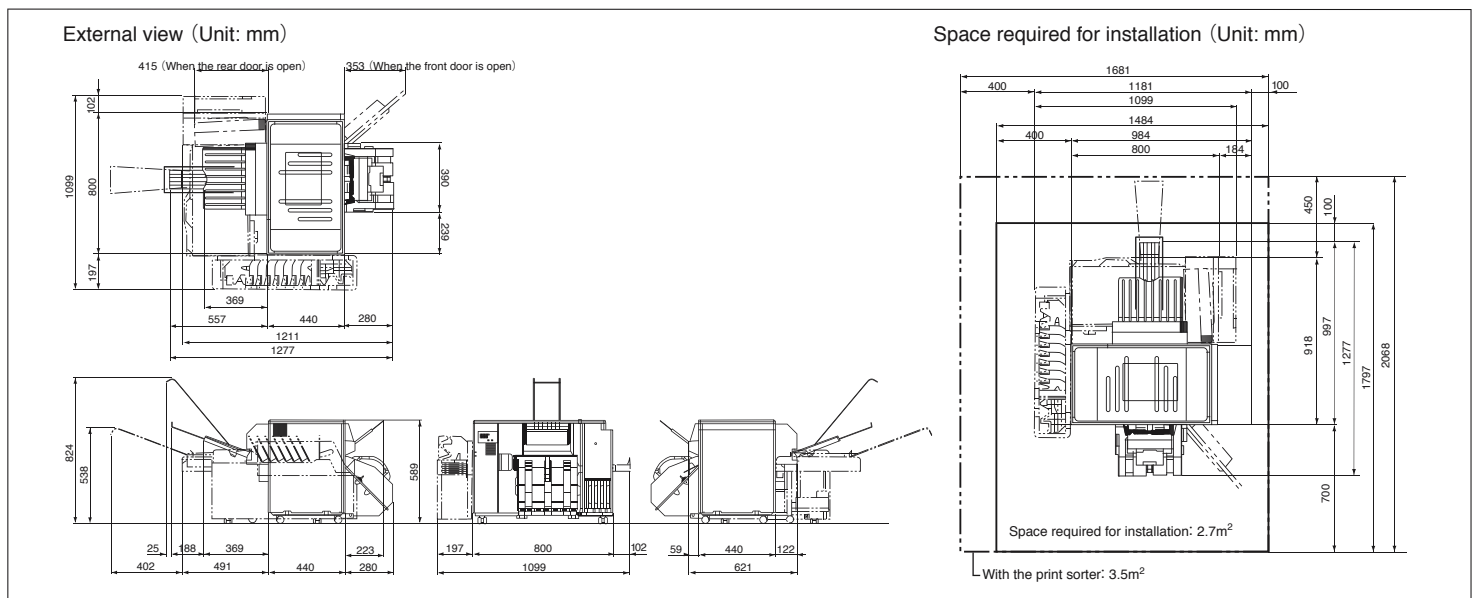
*2 When used with the separately sold EZ Controller.

*3 512MB xD-Picture Card. 3024 x 1728 pixels per image.

*4 512MB xD-Picture Card. 3024 x 2016 pixels per image.

Calculated according to our criteria. The actual capacity you achieve may be different.

*5 When making 203 x 254 mm and A4 size (210 x 297 mm) prints, you need to cut 5 mm off the rear edge of the print after it is printed. (The front edge of the print is cut off automatically (5mm).)



NK Works Co., Ltd.



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

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