

# DIGITAL DRY PRINTER SOLUTIONS

## dDP-421/621



# NORITSU

dDP-621 shown with optional equipment and accessories

# NEXT GENERATION TECHNOLOGY

The dDP-421 and dDP-621 represent the advanced second generation of minilab systems built upon the proven dDP platform. Both systems include a robust set of new features.

## New Features



### 7COLOR PIGMENT INKS

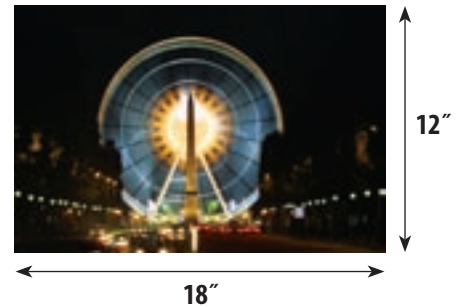
New ink heads and a new 7-color set of pigment ink produce beautiful natural gradations and excellent color fidelity.

### Glossy Paper

In addition to semi-glossy stock, glossy paper is now available.

### 10" Paper

Even more media options. A total of 8 different sizes are offered. Print size up to 12"x18"



### Long-Lasting Fade-Resistant Output

The dDP-421/621 is a pigment-ink based system that offers superior output durability, far outperforming dye sublimation output.

### Compact Size

In its basic configuration, both the dDP-421 and dDP-621 have a space-efficient 11 square feet footprint.

### Environmentally Friendly

No chemical handling, waste disposal, odors or volatile organic compound emissions.

### Easy Operation



**Print Sorter Unit** — The optional Print Sorter Unit automatically separates prints into a maximum of 4 orders with up to 50 prints per order. Trays can hold prints up to 6"x12".



**Dual Magazine System** — Flexible paper handling accommodates two similar or two different roll paper types.

### HIGH CAPACITY

dDP-421 > 400 prints/hr.\*

dDP-621 > 580 prints/hr.\*

Capacity based on 5" x 3.5" prints

\* Calculated according to our criteria. The actual capacity you achieve may vary.



### Award-Winning Technology

The dDP product line has been recognized for innovation and performance, including Digital Output Magazine's "Top 50 Best Product Award" and Photographic Processing Magazine's "Readers Choice Top Products Award."

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The science of environmentally-friendly printing.



# dDP-421/621

The Noritsu dDP-421 and dDP-621 are Digital Dry Printer minilab systems designed to deliver high-quality output while meeting the performance and profitability requirements of today's digital photofinishing environments.



## dDP Technology Offers New Possibilities

The dDP-421 and dDP-621 are the perfect start for digital photofinishing success. These Digital Dry Printer minilab systems can create new revenue opportunities for businesses seeking to add photofinishing services.

- New profit center
- In-store customer retention
- Additional customer traffic
- Cross promotion with non-photo and photo products
- Cross merchandise with seasonal products
- Capability of offering high margin specialty prints, such as photo enlargements and greeting cards

## POWERFUL FEATURE SET

### Image Correction and Effects

#### Image Correction



The dDP-421/621 corrects contrast, chroma, brightness, and density, resulting in prints with excellent quality.

#### Cropping & Rotation



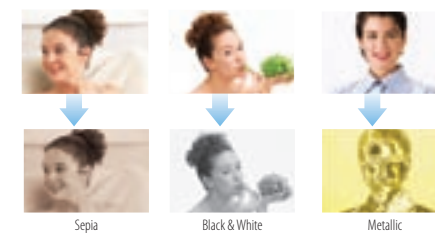
The ability to resize and adjust the position of the cropping box enables unrestricted cropping. It is possible to rotate the image, specifying the exact angle of rotation.

#### Sharpness



You can provide added sharpness or softness to the image by simply pressing a button.

#### Color change



Color images can be easily changed into Black & White, Sepia, or Metallic images.

## COMPLETE DIGITAL DRY PRINTER SOLUTIONS



### S-1 Film Scanner

The compact S-1 Film Scanner fits easily on a desktop and allows the dDP-421/621 to make prints from both 135 mm and APS (IX240) film. Using a simple USB connection, the S-1 is capable of scanning up to 550 frames per hour with a maximum optical resolution of 4,354 dpi. The S-1 Film Scanner offers enhanced digital correction technology to optimize scanned film. Standard with the S-1 is Digital Ice™ software from Kodak, which corrects dust and scratches on the base layer of film.

Optional Noritsu Digital Masking Software helps correct deeper base and emulsion side scratches.

### QSF-T15

The QSF-T15 is a compact film processor well-suited for low-volume environments. It processes 110mm, 135mm and APS (IX240). Chemicals can be maintained with minimal processing. The QSF-T15 provides automatic chemical and water replenishment and operates on standard 110V electricity. Processing capacity for 135mm and APS film is 14 rolls per hour and 19 rolls per hour for 110mm.



### DP-410/610 Stand Alone

The dDP minilab systems are available as stand alone printing devices. The DP-410/610 variants use the same powerful inkjet printer technology as the dDP-421/621, but are configured to serve as network printing devices.



The dDP-421/621 can be a part of complete low-cost, compact, photofinishing solution. Other optional components include the new S-1 Film Scanner and the QSF-T15 Film Processor.

## SPECIALTY PRINT SOFTWARE

### Card/Calendar Creation Software



This powerful software includes ready-to-use templates, making it easier than ever to create custom prints with text, frames, or other specialty layouts.

- Frame Prints — 13 varieties
- Greeting Cards — 19 varieties
- Calendars — 18 varieties
- Business Cards — 36 varieties

### Multi-Frame Print Creation Software



Pre-made templates that allow you to offer enhanced services to your customers.

- Album Prints
- Multi Frame Prints
- Package Prints
- ID Photos



**DIGITAL DRY PRINTER SOLUTIONS**

**dDP-421/621**  
**NORITSU**

# dDP-421/621 DIGITAL DRY PRINTERS

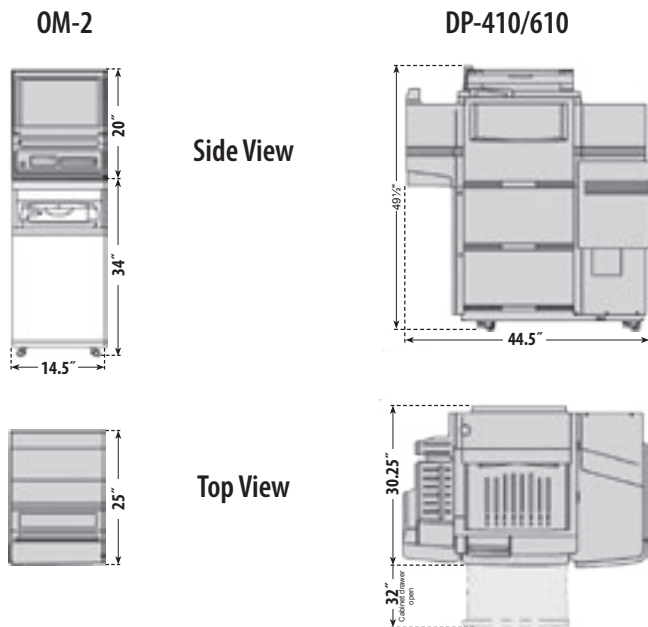
## DDP-421/621 SPECIFICATIONS

Compatible Input Media:	Standard: CD-ROM, CD-R, CD-RW, CompactFlash, Microdrive, SmartMedia, PC Card, SD Card, Mini SD Card (adapter required), MMC, Memory Stick, MicroDrive, Memory Stick Pro (adapter required), Memory Stick Duo (adapter required), xD-Picture card (CF Adapter or PC Adapter required)
	Optional: ZIP
Compatible Output Media:	Standard: CD-R/W, CompactFlash, Microdrive, SmartMedia, PC Card, MicroDrive, SD Card, Mini SD Card (adapter required), MMC, Memory Stick, Memory Stick Pro (adapter required), xD-Picture card (CF Adapter or PC Adapter required)
	Optional: ZIP
Print sizes:	Paper Width: 3.5", 4", 5", 6", 8", 10", 11", 12" Paper Advance Length: 3.5" to 18" (3.5" to 12" when the paper width is 6" or less)
Paper Supply:	Dual magazine system (contains upper and lower magazine compartments) <b>Upper Compartment:</b> Two rolls of the same paper size can be set if the width is 6" or less (3.5", 4", 5", 6") OR 1 Roll of paper can be set if the width is 8" or more. (8", 10", 11", 12") <b>Lower Compartment:</b> 1 Roll of paper can be set if the width is 8" or more. (8", 10", 11", 12")
Length of Paper:	328 feet per roll (usable length)
Operation Panel:	<b>*Minilab type (OM-2+DP):</b> 15 inch liquid crystal color display monitor (touch screen) <b>*Stand Alone Printer type: (DP only):</b> External PC <span style="float: right;">*Some operations require the use of the mouse.</span>
Printing System:	Inkjet System
Print Resolution:	1400 x 720 dpi (black and color)
Ink:	7 Colors of Pigment Ink: C (Cyan), M (Magenta), Y (Yellow), BK (Black), R (Red), V (Violet), CL (Clear) Volume: 500ml per color
Weight:	<b>dDP-421:OM-2</b> —Approx. 66.5 lbs., <b>DP-410</b> —Approx. 518 lbs. <b>dDP-621:OM-2</b> —Approx. 66.5 lbs., <b>DP-610</b> —Approx. 529 lbs.
Power Requirements:	AC100-240V Single phase two wire

PROCESSING CAPACITY		
Print Size: Width x Paper Advance	dDP-421	dDP-621
5" x 3.5"	400	580
6" x 4"	310	460
8" x 10"	65	100
10" x 8"	80	120
11" x 14"	42	63
12" x 18"	33	50

The actual capacity you achieve may be different.

S-1 SPECIFICATIONS	
Light Source:	LED (Light Emitting Diodes)
Image Import Method:	Main Scanning RGB via 3 lines CCD Sub Scanning: Scanning by film movement
Film Sizes:	135F, 135H, 135P, 135FP, IX240 (CHP)
Film Types:	Color Negative and Positive, B&W Negative (B&W and Orange based development), Sepia Negative
Scanning Resolution:	Optical Resolution: Maximum 4,354 dpi
A/D Conversion:	RGB 12 Bits per Color
Compatible Printers:	dDP-411, dDP-421, dDP-621
Display Monitor:	Uses the OM-1/OM-2 Monitor
Weight:	Approx. 44lbs.
Power Requirements:	AC100-120V, 200-240V 50/60 HZ
S-1 SCANNING CAPACITY—APPROX. 20 ROLLS PER HOUR	
	CAPACITY (frames/hr.)
135 Film (24 exp.)	550
IX240 (25 exp.)	500



The Complete dDP 421/621 system consists of an OM-2 and a dDP-410/610.  
Optional equipment requiring separate purchase may be shown.  
Specifications are subject to change without notice. QSS is a registered trademark of Noritsu.

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