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

**7 COLOR 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”

**HIGH CAPACITY**

<table>
<thead>
<tr>
<th>dDP-421</th>
<th>400 prints/hr.*</th>
</tr>
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<tbody>
<tr>
<td>dDP-621</td>
<td>580 prints/hr.*</td>
</tr>
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</table>

* Capacity based on 5” x 3.5” prints. The actual capacity you achieve may vary.

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**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.

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

- 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**

- 5-1 Film Scanner for compact 5-11mm Film ready on a stand alone or allows the dDP-421/621 to print from both 35mm and APS (54mm) Film. Using a simple USB connection, the 5-1 Film Scanner offers renowned 5-11mm processing with maximum optical resolution of 1620 dpi. The 5-1 Film Scanner offers enhanced digital color correction technology to improve scan quality, "customized" with Rexel’s Digital £™ software from Kodak, which is connected to and interacts on the base type of film).

- Extensive Color & Black Making Software helps correct deeper base and emulsion side with professional accuracy.

**Contrast, Chroma, Brightness, and Density, resulting in prints with excellent quality.**

- The ability to move and adjust the position of the cropping box enables customers more creative freedom is programmable for various types of angles of rotation.

You can create beautiful enlargements or custom sizes in your position by simply pressing a button. Color images can be easily changed to Black & White, Sepia, or Multicolor images.

**Complete Digital Dry Printer Solutions**

- S-1 Film Scanner
- Intelligent Film Processing
- Enhanced digital color correction technology to improve scan quality, "customized" with Rexel’s Digital £™ software from Kodak, which is connected to and interacts on the base type of film.

**The DDP Digital Printers are networkable**

- Available as stand-alone models
- Integrated with other products
- Network printing devices

**Specialty Print Software**

- Card/Calendar Creation Software
- Multi-Frame Print Creation Software

- The easy-to-use software makes it easy to create templates, making it easier than ever to create unique prints with brisk frame or on-demand specialty prints.

- Frames Photos — 15 varieties
- Greeting Cards — 19 varieties
- Calendars — 11 varieties
- Business Cards — 36 varieties
- Multi-Roll Photos — 12 varieties

**Additional Features**

- Business Cards — 36 varieties
- Greeting Cards — 19 varieties
- Frame Prints — 13 varieties
- Pre-made templates that allow you to offer enhanced services to your customers.

- CD-R Writing Services
- Multi-sheet printing
- Blank & White, Sepia, or Multicolor images

**Digital Camera Media**

- Prints from Digital Cameras
- Optional 5-1 Tournier

**Digital Media**

- Optical S-1 Tournier

**Network Printer Option**

- QSF-T15

**Output**

- Enlargements
- Prints
- CD-R Writing Services
- Printing Image Media

**INPUT**

- Digital Media
- Digital Camera Media

**DIGITAL DRY PRINTER SOLUTIONS**

- dDP-421/621

**Media**

- Enlargements
- Prints
- CD-R Writing Services

**OTHER INPUT METHODS**

- Film
- Optional 5-1 Tournier

**PRINTS/DIGITAL SERVICES**

- Prints from applications
- Printing Image Media

**OUTPUT**

- Enlargements
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**CONTROL PC**

- Windows

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**Output**

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**dDP-421/621 DIGITAL DRY PRINTERS**

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>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)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional: ZIP</td>
</tr>
<tr>
<td>Compatible Output Media: Standard: CD-RW, 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)</td>
</tr>
<tr>
<td>Optional: ZIP</td>
</tr>
</tbody>
</table>

**Print sizes:**
- Paper Advance Length: 3½" to 18" (3½" to 12" when the paper width is 6" or less) |
- Paper Supply: Dual magazine system (contains upper and lower magazine compartments)

**Upper Compartment:** Two rolls of the same paper size can be set if the width is 6" or less (3½", 4", 5", 6")

**Lower Compartment:** 1 Roll of paper can be set if the width is 8" or more (8", 10", 11", 12")

| Length of Paper: | 32 feet per roll (usable length) |
| --- |
| Operation Panel: | *Minilab type (OM-2+DP): 15 inch liquid crystal color display monitor (touch screen) *Stand Alone Printer type (DP only): External PC *Some operations require the use of the mouse. |

**Printing System:** InJet System

**Print Resolution:**
- 1400 x 720 dpi (black and color)
- 4400 x 1440 dpi (CMYK)

**Ink:**
- 7 Colors of Pigment Ink: C (Cyan), M (Magenta), Y (Yellow), BK (Black), R (Red), V (Violet), CL (Clear)

**Volume:**
- 500ml per color

<table>
<thead>
<tr>
<th>Weight:</th>
</tr>
</thead>
<tbody>
<tr>
<td>dDP-421: OM-2—Approx. 66.5 lbs.</td>
</tr>
<tr>
<td>DP-410: Approx. 518 lbs.</td>
</tr>
<tr>
<td>dDP-621: OM-2—Approx. 66.5 lbs.</td>
</tr>
<tr>
<td>DP-610: Approx. 529 lbs.</td>
</tr>
</tbody>
</table>

**Power Requirements:**
- AC100-240V Single phase two wire

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**PROCESSING CAPACITY**

<table>
<thead>
<tr>
<th>Print Size</th>
<th>5&quot; x 3½&quot;</th>
<th>6½&quot; x 4&quot;</th>
<th>8&quot; x 10&quot;</th>
<th>10½&quot; x 8&quot;</th>
<th>11½&quot; x 14&quot;</th>
<th>12&quot; x 18&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper Advance Length</td>
<td>400</td>
<td>310</td>
<td>65</td>
<td>80</td>
<td>42</td>
<td>33</td>
</tr>
<tr>
<td>DP-421</td>
<td>DP-621</td>
<td>DP-421</td>
<td>DP-621</td>
<td>DP-421</td>
<td>DP-621</td>
<td></td>
</tr>
</tbody>
</table>

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**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:**
  - 133F, 135H, 135FP, IX240 (CHP)
- **Film Types:**
  - Color Negative and Positive, B&W Negative (B&W and Orange based development), Sepia Negative
- **Scanning Resolution:** Optical Resolution Maxumum 4,354 dpi
- **A/D Conversion:** RGB 12 Bits per Color
- **Compatible Printers:**
  - dDP-410, dDP-421, dDP-621
- **Display Monitor:** Uses the OM-1/DIM-2 Monitor
- **Weight:** Approx. 44lbs.
- **Power Requirements:** AC100-120V, 20-240V 50/60 Hz

**S-1 SCANNING CAPACITY—APPROX. 20 ROLLS PER HOUR**

<table>
<thead>
<tr>
<th>CAPACITY (frames/hr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>135 Film (24 exp.)</td>
</tr>
<tr>
<td>550</td>
</tr>
<tr>
<td>DP-420 (25 exp.)</td>
</tr>
<tr>
<td>500</td>
</tr>
</tbody>
</table>

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**OM-2**

**Side View**

**Top View**

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**DP-410/610**

**The actual capacity you achieve may be different.**

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**www.noritsu.com**

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**Cat#dDP-621 10/04 5M**