

What You Should Know Hands-On Test Report

Lexmark International Platinum Pro905



WHAT IT IS – Lexmark International’s Platinum Pro905 is the flagship model in Lexmark’s new class of MFPs for small- and mid-size businesses (SMB) and features a Web-connected touch screen. With the Web-connected touch screen, and Lexmark’s free SmartSolutions applications, the Platinum Pro905 makes both routine and more advanced business tasks easier, and also enables users to access Web content without using a computer workstation.

As an A4 desktop MFP (or All-in-One) designed for SMB, the Platinum Pro905 incorporates color network print, color copy, color scan, and Super Group 3 walkup fax. It uses color thermal ink-jet imaging technology and features Lexmark’s new Vizix imaging technology. With Vizix technology, the system incorporates 3,200 ink nozzles for finer, crisper output versus the previous generation’s 1,600 ink nozzles. Vizix technology also incorporates dye-based cyan, yellow, and magenta dye-based ink for more vibrant color output.

Business-class capabilities include a standard Ethernet networking for sharing among users, 300-sheet paper capacity for longer uninterrupted operation, and standard, paper-saving automatic duplexing. Also standard is convenient wireless network connectivity. Users can share documents with color scanning (including scan to e-mail) and Super Group 3 walkup fax.

IMAGE QUALITY - The Platinum Pro905 prints and copies in both monochrome black and in color using thermal ink-jet imaging technology.

TESTED IMAGE QUALITY

1. In order to evaluate image quality, Wirth Consulting uses:
2. The highest image-quality settings.
3. ImageXpert™ Printer 600 dpi Target Version 5.1.
4. ImageXpert Test Target EP-PSv1.
5. Northlight Images UK Grayscale Linearization Test Chart.
6. Synthetic (photographic) test images derived from ISO Internal Standard 12640 Graphic Technology (Prepress Digital Data Exchange – CYMK Standard Color Image Data [CYMK/SCID]).

Hammermill 100/112+ Euro Bright, 28 lb. Color Copy Paper.



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“With its gorgeous new touch screen and downloadable SmartSolutions applications, Wirth Consulting thoroughly enjoyed testing the Platinum Pro905. However, in testing the Platinum Pro905 proved that is not just another pretty face, as we found that its image quality, software and ease of use were top notch. With the Platinum Pro905, Lexmark has truly hit one out of the park.” - Terry Wirth, President, Wirth Consulting.



Imaging Technology: Color Thermal Ink-Jet
Functions: Print/Copy/Scan/Fax
Print Speed: 33 (black)/30 (color) ppm draft
Maximum Monthly Volume: 10,000 pages
Suggested Retail Price: \$399.99
Availability: Lexmarkstore.com, Retail
Introduction Date: October 2009

Imaging Technology: Color Thermal Ink-Jet
Maximum Color Print Resolution: 4800x1200 dpi
Maximum B/W Print Resolution: 2400x1200 dpi

STRENGTHS

- The Platinum Pro905 produced crisp black text, and very good resolution and line and dot control for excellent text readability. In both print and copy modes, it was able to print text as small as 4 pt. font size, which will be more than sufficient for office-imaging text applications.
- ISO raw TIFF test photographs displayed very realistic human flesh tones, which is essential for photo printing. The system also produced extremely fine detail. For instance, Wirth Consulting was able to observe details of a young woman’s complexion (reproduced in a photo) that were not apparent with output produced by other competitive imaging devices. In general, printed photographic output displayed smooth halftones and shading. Color saturation was very good and no banding was observed. No ink bleed-through was observed.



Image-quality originals used by Wirth Consulting when evaluating a device’s image quality.