



A Buyers Laboratory Document Imaging Device Assessment

### Kyocera KM-1650

16 PPM Segment 1 Monochrome Device

Copy • Print • Fax • Scan



Overall Rating .....	★★★★★
Value .....	★★★★
Ease of Use.....	★★★★
Copy Productivity .....	★★★★
Print Productivity .....	★★★★
Image Quality.....	★★★★★
Multitasking.....	Lab Test Report Only
Utilities.....	Lab Test Report Only
Reliability .....	Lab Test Report Only
Feedback to Workstations .....	Lab Test Report Only
Toner Yield/Cost per Page .....	Lab Test Report Only

\* Based upon a five-star rating system, with five being the best.

**Suggested retail price:** Information not available. (Complete specifications information for this unit, including pricing for accessories and options, is available through BLI's other subscription services.)

**Testing method:** The unit's copy/print capabilities were tested using a Windows 2000 workstation with a crossover cable and the PCLXL print driver (version 1.03). Tests were conducted using U.S. letter-size paper and results may vary when using A4.

### Comparative Analysis

Designed by Kyocera for small to medium-size enterprises, the Kyocera KM-1650 provides users with a reasonably priced alternative when replacing single-function devices by offering standard copy and print functionality with its embedded print controller, as well as optional scan and fax functionality. For example, with the standard print controller, there is no additional cost of a network interface card, and printing can be shared by more than one user from the outset once installation is complete. In addition, Kyocera's multifunctional devices are based on the company's printer technology Ecosys, which stands for Ecology Economy System. By increasing drum yields and preventative maintenance (PM) schedules, worn out parts do not have to be replaced as often, minimizing the impact to the environment and cost to the user, according to Kyocera. Impressively, the KM-1650's drum life and PM cycle are both 150,000 impressions, which is the highest of competitive models available, and its rated toner yield is among the highest (15,000 impressions). In addition, the unit offers ecocopy and ecoprint, modes that reduce toner consumption by approximately 30 percent, according to Kyocera.

*Please note that the following document is based on tests conducted on a Kyocera KM-1650 sold in the United States market. BLI has updated this report to reflect the specifications and features available on the Asia Pacific version of this model. Although there may be slight differences in features and pricing, both models are manufactured by the same parent company, share many of the same components, and are based upon a common engine.*

FIELD TEST

### ▲ Value Analysis

★★★★

The KM-1650, configured as a copier/printer with an optional reversing automatic document feeder (RADF), has a suggested retail price (SRP) that is competitive among similarly equipped units. In addition to performing well during the field test, the unit offers the highest drum life and PM schedule for the group, toner yield that is among the highest, and a competitive maximum paper capacity (1,250 sheets) and RADF capacity (50 sheets). BLI rates value by evaluating a unit's SRP in relation to its overall performance, paper handling, and user and service intervention (see Advantages/Shortcomings). Value analysis was conducted using U.S. price structures and prices vary according to country where the device is purchased.

### ▲ Summary

Because of its exceptional productivity (especially in copy mode) and image quality, as well as its good ease of use and value, BLI gives the KM-1650 an overall Field Tested Rating\*\* of **Five Stars**.

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LAB TEST

*\*\* Note: The data presented in this Field Test Report was obtained from testing performed by BLI outside of our 10,000 sq. ft. test lab. BLI's Lab Test Reports contain the results of BLI's extensive in-house testing for reliability, multitasking, toner yield/cost per page and performance of additional functions and on additional platforms. Please contact BLI (e-mail bliAsia@buyerslab.com) for information regarding when the Lab Test Report for this product will be available.*