



**2,000,000-Impression
Extended-Term Reliability Test
Kyocera KM-8030**



Test Objective

Subject one Kyocera KM-8030 multifunctional document imaging device to a 2,000,000-impresion BLI reliability test.

Test Conducted

BLI test technicians operated the Kyocera KM-8030 at Kyocera Mita Corporation's rated monthly volume for a total of 2,000,000 impressions, with 50 percent of the volume consisting of copy jobs and 50 percent consisting of print jobs. Based on Kyocera Mita's rated maximum monthly duty cycle of 500,000 impressions, the KM-8030 was tested over a course of 100 business days. Designed to replicate real-world use over an eight-hour workday, BLI's test included a mix of various-size documents, simplex and duplex modes, and a mix of short, moderate and long run lengths, with on/off cycles, throughout each day. In addition, all of the unit's configured paper sources, two of which accommodated legal- and ledger-size stock (equivalent to B4 and A3, respectively), and three of which accommodated letter-size stock (equivalent to A4), were used during the test, as was the finisher. The reliability evaluation also included testing of the document feeder/scanner for an additional 10 percent (or 200,000 scans) of the tested volume, evenly divided over the course of the test. Imaging media included 20-lb. bond (equivalent to 80 gsm), 10 percent of which was recycled paper containing 30 percent post-consumer content. The KM-8030 was also tested with a sampling of a range of media types, including labels, transparencies, tabs, envelopes and card stock.

Test Environment

Testing was conducted under ambient conditions of 22° C (+/-3° C) and 45% RH (+/-10%), with daily conditions monitored by a Honeywell Model 61 Seven-Day Temperature/Humidity Chart Recorder, in Buyers Lab's test facility at 20 Railroad Avenue, Hackensack, NJ.



Performance Summary

As tested with firmware version 0334.00, the Kyocera KM-8030 unquestionably proved to be a highly reliable product throughout BLI's 2,000,000-impression extended-term reliability test. In contrast to BLI's standard reliability test, which is conducted for a volume equivalent to one month of a unit's monthly duty cycle, in this extended-term test, BLI subjected the KM-8030 to a reliability test that was four times as long. Throughout testing, the KM-8030 displayed virtually flawless performance, producing 2,000,000 impressions with no service required other than scheduled preventive maintenance (PM) at 500,000-impression intervals. Moreover, only 12 misfeeds occurred during the entire test, for an impressive misfeed rate of just one per 166,667 impressions, which is better than that of most Segment 5 units tested to date by BLI. In addition, image quality remained consistently good throughout the course of the test and no problems were experienced when running various paper stocks, such as tabs, envelopes and transparencies.

BLI believes that the test results of its 2,000-000-impression reliability test clearly demonstrate that the Kyocera KM-8030 can be counted on for highly reliable performance in environments requiring an MFP for the production of up to 500,000 impressions per month.

Test Equipment

BLI's dedicated test network, consisting of Windows 2000 and Microsoft Exchange servers, Windows 2000 and XP workstations, 10BaseT/100BaseTX network switches and CAT5 cabling.

Tested Configuration

KM-8030 base model, plus optional 3,000-sheet finisher (DF-650) and 4,000-sheet LCT (PF-650).

Test Data

Reliability

PMs/Malfunctions	Service Required	Meter Count (Impressions)	Impressions Between Service
Meter Count (Beginning of Test)	0		
PM	Performed PM	500,000 1,000,000 1,500,000	
End of Test Period		2,000,000	
Total Misfeeds/Misfeed Rate	12 / 1 per 166,667 impressions		
Service Calls	0		
PMs	3		
Total Service Calls (incl. PMs)	3		

LAB TEST

CERTIFICATE OF RELIABILITY

AWARDED TO
KYOCERA MITA CORPORATION

For the performance of the
Kyocera KM-8030
throughout BLI's in-house durability test.

This is to certify that when subjected to a 2,000,000-impression
Buyers Lab durability test in a networked environment,
the Kyocera KM-8030 proved to be a highly reliable product.


ANTHONY F. POLIFRONE
MANAGING DIRECTOR



April 2007

DATE