



Kodak i700 Series

i730



i750



i780



Competitive Benchmark Summary
Kodak i700 Series vs Canon DR-X10C

Kodak

i700 Series vs. DR-X10C Speed and Throughput Comparison Summary

In the world of production scanning, results count and time matters:

Time = Throughput!

Production scanning tests were conducted to compare real world throughput.

CANON DR-X10C (128 ppm)

Enabling production features can reduce throughput to as little as 30% of rated speed (38 ppm)

Adding VRS (\$\$) can further reduce throughput to as low as 23% of rated speed (29 ppm)

KODAK i700 Series (i780 130 ppm; i750 115 ppm; i730 90 ppm)

The Kodak i700 Series Scanners consistently outperform the Canon DR-X10C Scanner with production features enabled.

i700 Series versus DR-X10C production throughput results

Test: 1 hour of scanning using production settings including: Auto Orientation and Image Cleanup with U.S. Letter paper fed landscape (stack sizes = 500 sheets)	KODAK i730* i750* i780 ISIS (ppm)	DR-X10C VRS (ppm)	DR-X10C ISIS (ppm)	KODAK i730* i750* i780 Performance Increase over DR-X10C VRS	KODAK i730* i750* i780 Performance increase over DR- X10C ISIS
200 dpi, Bitonal , Duplex	86 110 125	85	52	2% 30% 48%	67% 114% 141%
200 dpi, Color , Duplex	84 107 121	58	42	45% 85% 109%	100% 155% 188%
<u>300</u> dpi, Bitonal , Duplex	87 111 126	40	52	119% 180% 217%	66% 113% 140%
<u>300</u> dpi, Color , Duplex	87 111 125	29	38	202% 286% 336%	127% 190% 227%

The exact same host PC and capture application (QuickScan Pro) were used during both i780 and DR-X10C testing

* i730 and i750 data extrapolated from i780 results

Data Integrity and Imaging Productivity Comparison

In the world of production scanning, results count and time matters:

Results = Image Quality!

Image Quality tests were conducted to compare data integrity of scanned batches.

CANON DR-X10C

The DR-X10C requires a great deal of time to optimize brightness/contrast adjustments, reducing overall productivity.

Even with “optimized settings”, the Canon DR-X10C delivers sub-standard OCR performance - averaging a 67% read rate in the test.

KODAK i700 Series

OCR read rates for the i700 Series using default settings exceed the performance of the DR-X10C.

With Perfect Page image processing, i700 series scanners automatically deliver consistently high OCR read rates – averaging a 95% read rate in the test.

Data Integrity and Imaging Productivity Comparison

Test: "Light Document" Challenge	OCR read rate for Kodak i780	OCR read rate for Canon DR-X10C
Batch of documents with light text density (8-point type) scanned at 200 dpi. <ul style="list-style-type: none"> ▪ default settings for both scanners 	94%	0%
Batch of documents with light text density (8-point type) scanned at 200 dpi. <ul style="list-style-type: none"> ▪ <u>brightness and contrast settings optimized for Canon</u> ▪ default settings maintained for Kodak 	94%	67%
Batch of documents with light text density (10-point type) scanned at 200 dpi. <ul style="list-style-type: none"> ▪ default settings for both scanners 	95%	0%
Batch of documents with light text density (10-point type) scanned at 200 dpi. <ul style="list-style-type: none"> ▪ <u>brightness and contrast settings optimized for Canon</u> ▪ default settings maintained for Kodak 	95%	82%

True-Timed Running Tests

In the world of production scanning, results count and time matters:

Even when your documents are challenging!

Production scanning tests were conducted to compare real world throughput with batches of documents that simulated multifeed events using standard documents.

Multi-feed Productivity Test

Simulated job set with pages that intentionally create multi-feeds that stopped scanning.

- Job stream consisted of Batch of 100 pages with induced multifeeds every 10 pages.
- The same documents were used for all tests.

Multifeed Productivity Test	Kodak i780 (ISIS)	Canon DR-X10C (VRS)
Time to scan	19 min 11 sec	23 min 16 sec

True-Timed Running Tests – Challenging Document test

In the world of production scanning, results count and time matters:

Even when your documents are VERY challenging!

Kodak i780 vs. Canon DR-X10C side-by-side scanning tests were performed with a very challenging set of documents that included a wide ranges of thicknesses, sizes and finishes.

Document sizes varied greatly within the batch: from business cards to A3 size documents.

The batch included documents that created Multifeed alarms from envelopes and “un-separated” multi-part forms inserted in batch.

Results		
Product Tested	# of pages scanned	Total time
Kodak i780 (ISIS)	250	5 min 18 sec
Canon DR-X10C (ISIS)	250	11 min 37 sec

**That's a 54%
productivity
reduction compared
to the i780!**

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Kodak i700 Series Scanners

In the world of production scanning, results count and time matters!

The i700 Series scanners are a family of high quality scanning devices built for the production environment. These highly productive scanners are rugged and reliable, always scan at rated speed and provide excellent ROI.

Count on Kodak for scanning solutions you can depend on.