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Information technology — Office equipment — Method for measuring digital copying productivity

Technologies de l'information — Équipements de bureau — Méthode de mesure de la productivité d'un photocopieur numérique



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Contents

	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Test parameters and conditions	3
4.1 Copying device setup.....	3
4.2 Copying device condition.....	4
4.3 Sample size.....	4
4.4 Paper.....	4
4.5 Maintenance.....	5
4.6 Preparation of test targets (test charts).....	5
4.7 Environment.....	5
4.8 Voltage.....	6
5 Test method	6
5.1 Overview.....	6
5.2 Test measurement procedure.....	6
5.2.1 Test setup.....	6
5.2.2 "1 set" test from ready.....	7
5.2.3 "1 set + 30 seconds" test from ready.....	8
5.2.4 "1 set + 4 minutes" test from ready.....	8
5.3 Test method process.....	9
5.3.1 Suggested flow chart.....	9
5.3.2 ± 5 % consistency criteria.....	10
5.3.3 Estimating the set count.....	11
5.4 General performance test.....	12
5.4.1 Overview.....	12
5.4.2 Measurement of FSOT and ESAT.....	12
5.4.3 Measurement of EFTP.....	12
5.5 Feature performance test.....	13
5.5.1 Overview.....	13
5.5.2 Features setting conditions.....	13
5.5.3 Measurement of FSOT and ESAT.....	15
6 Calculations and treatment of data	15
6.1 Overview.....	15
6.2 General performance test.....	16
6.2.1 "1 set" test from ready.....	16
6.2.2 "1 set + 30 seconds" test from ready.....	16
6.2.3 "1 set + 4 minutes" test from ready.....	17
6.3 Feature performance test.....	18
6.3.1 "1 set" test from ready.....	18
6.3.2 "1 set + 30 seconds" test from ready.....	19
7 Presentation of results	19
7.1 Sharing testing and reports.....	19
7.2 General performance test.....	20
7.2.1 Overview.....	20
7.2.2 Minimum declaration.....	20
7.2.3 Summary report.....	20
7.2.4 Full report.....	21
7.3 Feature performance test.....	22
7.3.1 Overview.....	22
7.3.2 Summary report.....	23

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7.3.3	Full report.....	23
Annex A	(informative) Report presentation.....	24
Annex B	(normative) Full detailed report example.....	29
Annex C	(normative) Test targets for measurement of copying productivity.....	34
Annex D	(normative) Procedure to establish ready delay time.....	36
Annex E	(informative) Definitions of “FCOT” and “continuous copying speed”.....	39
Bibliography	40

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html. In the IEC, see www.iec.ch/understanding-standards.

This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 28, *Office equipment*.

This third edition cancels and replaces the second edition (ISO/IEC 24735:2012), which has been technically revised.

The main changes compared to the previous edition are as follows:

- [Clause 3](#) has been modified to add new definitions and removed definitions of terms not used in the text;
- added “ready delay time” requirement to “test measurement” procedures;
- annex structure has been changed to be consistent with other productivity standards;
- added minimum declaration example to [Annex A](#);
- added [Annex D](#) for the procedure to determine the “ready delay time”.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

Introduction

Many digital copying devices produce copied pages at a different rate than their nominal speed when running with different modes (simplex, duplex, copying quality modes), different substrate grammage and collating and/or finishing options. The degree to which a reduction in productivity is experienced depends significantly on other parameters of the job stream. The most dominant of the parameters of the job stream are: the number of original pages in a set to be printed, whether output pages are single-sided or double-sided, image quality modes selected, B&W and colour reproduction job stream, number of print sets to be produced, substrate size used, run length and finishing options.

This document provides a general method for measuring productivity when the above-mentioned job stream parameters for digital copying devices are taken into consideration. This document also includes instructions for the creation of test charts. It allows manufacturers and buyers of digital copying devices to describe the productivity of various digital copying devices with respect to representative office usage.