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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 21185-2007

**Information technology -- Office machines -- Method of
specifying image reproduction of colour copying machines by
analog test charts -- Realisation and application**

信息技术 办公设备 用模拟测试版评价彩色复印机图像印品性能的方法 制作和应
用

(English Translation)

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Foreword

This standard is identical with ISO/IEC 15775:1999 "Information technology - Office equipment by analog test evaluation color copier FIG.

Like printing performance of a production and application "(in English).

For ease of use, this standard made the following editorial changes.

- a) "this International Standard" be replaced by "this standard";
- b) use a decimal point instead of a decimal comma " , " . " , " ;
- c) Remove the preface to international standards;
- d) an increase in resolution 4.2.4 Unit dpi;
- e) Table H. 6 A3 to C3, table H. 7 C2 to D2, Table H. 8 C2 to D2, Table H. 9 C2 to D2, Table H. 10 A2 and C2 to C6 and D6, table H. 11 C1 to D1;
- f) Table L. 1 and L. 2 "color Beta 3" and "4 Beta black and white" to "black and white Beta 3" and "color Beta 4";
- g) Remove the informative Appendix M.

Appendix A ~ this standard are normative appendix Appendix F Appendix G ~ Appendix L are informative appendices.

The standard proposed by China Machinery Industry Federation.

This standard by the national copying machine Standardization Technical Committee (SAC/TC147) centralized.

This standard was drafted. Shanghai Fuji Xerox Co., Ltd., Canon (China) Co., Ltd., Zhuhai Tianwei Pegasus printing supplies Co., Precision Instrument and Optoelectronics Engineering, Tianjin University, the State Quality Supervision and Inspection Center copier, Beijing Institute of Printing and Packaging Engineering College.

Drafters of this standard. with such hatred, Ping Xiaochuan, Lu Jun and Tang Fu roots, ACTUATORS Xuyan Fang.

This standard was first formulated.

GB/T 21185-2007/ISO/IEC 15775:1999 Information technology - Office equipment by analog test evaluation Color copying machine image printing method performance Production and Application

1 Scope

This standard applies to color copiers test version of the production and application. The standard image as a color copier prints Performance Test Standards Registration, in order to better identify the capabilities and limitations and compare between the copier.

When using this standard test copier, use at least 8 Beta 2 in the beta (a black and white and one color).

Copy product to do a visual inspection can also be compared with the test version, you can also copy these products objectively measured.

The standard 8 beta, including four halftone beta (1 photo, 3 offset printing), four continuous tone Beta (photography).

According to simulate all of the standard beta production, valid for three years.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequently Some amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Study whether the latest versions of these documents. Any undated reference documents, the latest versions apply to this standard GB/T 148-1997 printing, writing and drawing paper format size (neq ISO 216. 1975) GB/T 451.2-2002 paper and cardboard quantitative determination (ISO 536:1995, EQV) GB/T 456-2002 Paper and cardboard smoothness (Buick method) (ISO 5627:1995, IDT) GB/T 1543-2005 Paper and paperboard opacity (paper backing) measurement (diffuse reflectance method) (ISO 2471:1998, MOD) GB/T 5032-2002 paper, paperboard and pulp represents the performance of the unit (ISO 5651. 1989, EQV) GB/T 5702-2003 light color evaluation method (neq CIENO.13.3.1995) GB/T 7705-1987 lithographic decoration print (neq ISO 5737. 1983) GB/T 7706-1987 relief decoration print (neq ISO 5737. 1983) GB/T 7707-1987 intaglio decoration print (neq ISO 5737. 1983) GB/T 7973-2003 Paper, board and pulps measurement of diffuse reflectance factor (diffusion/vertical method) (ISO 2469:1994, NEQ) GB/T 11186.1-1989 coating color measurement method Part 1. Principles (eqv ISO 7724-1. 1984) GB/T 11186.3-1989 coating color measurement method

Part 3. Calculation of color differences (eqv ISO 7724-3. 1984) CY/T 31-1999 printing four-color printing ink color and transparency of the first part. sheetfed and heatset web glue India (eqv ISO 2846-1:1997) ISO 554. 1976 regulation and/or test standard specification atmosphere ISO 8596:1994 Ophthalmic optics - Visual acuity testing standard optotype and its presentation ISO 8597:1994 Optics and optical instruments - Visual acuity test optotypes and related methods ISO/CIE10526.1991 standard colorimetric with CIE light source ISO/CIE10527.1991 standard colorimetric observer 1997 color mapping technology Prepress digital data exchange for input scanner calibration. ISO 12641 CIEpubl. 15.2. 1986 colorimetry DIN6160:1996 diagnosis with red and green colorblind vision disorder inspection mirror DIN33866-2:1998 Information technology - Office equipment color image reproduction - Part 2. Evaluation of color by analog test GB/T 21185-2007/ISO/IEC 15775:1999