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CCS N47



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

GB/T 13334-2008

Replacing GB/T 13334-1991

Adjusting test chart for copying machine A3

复印机调试板 A3

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Foreword

This standard is GB/T 13334-1991 "Copier debugger version A3" amendments. This standard replaces GB/T 13334-1991 "Copier debugger version A3". This standard compared with GB/T 13334-1991, the main technical content modified as follows:

3.1.3 size to "420 + 2 + 1mm x 297 + 2 + 1mm";

3.1.6 Table 1 deviation A, B, respectively, to " ± 0.2 "; C, D, E, F were changed to " ± 0.1 "; Line drawings

--- 3.2.2 "resolution images from the eight groups of different spatial frequency components. Each line drawings by five lines perpendicular to each other group to make. Space each group of frequency coefficient by R20, respectively 1.8,2.0,2.2,2.5,2.8,3.2,3.6,

4.0 lines/mm. "To "FIG resolution by the ten groups of line drawings of different spatial frequency components. Each line drawings by five lines perpendicular components. Each Spatial frequency group according to R20 coefficient, respectively 1.8,2.0,2.2,2.5,2.8,3.2,3.6,4.0,4.5,

5.0 lines/mm. ";

3.7 to "other than the debug version format images and text within a blank area, its reflection density value is not more than 0.02.";

--- 4.1 "temperature 15 °C ~ 25 °C, relative humidity of 45% to 65%" to "temperature 18 °C ~ 28 °C, relative humidity of 40% 60% ";

--- This standard "resolution" are replaced by "resolution." 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. Country office equipment and supplies for Quality Supervision and Inspection Center, RICOH Image Technology Co., Ltd., Canon (China) have Limited. The main drafters of this

standard. Liu Huiling, Liu Sheng Ying, Lu Jun and. This standard replaces the standards previously issued as follows:

--- GB/T 13334-1991. Debug version A3 copier

1 Scope

GB/T 13334-2008 is the Chinese national standard on adjusting test chart for copying machine a3, in the field of image technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 2 July 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2008. Classification: ICS 37.100.01, CCS N47. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the debug version of the copier technical requirements, test methods, inspection rules and signs, packaging, transportation and storage requirements. This standard applies to an electrophotographic copying machine installation, machine, test use, format is A3 (420mm x 297mm) copier debugging version (Hereinafter referred to as the debug version).

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample Programme (ISO 2859-1.1999, IDT)

3.1 Basic requirements

3.1.1 This standard specifies the use of the debugger version of matt coated printing paper production.

3.1.2 Paper Basis. (150 ± 10) g/m².

3.1.3 cutting size. 420 + 2 + 1mm x 297 + 2 + 1mm.

3.1.4 debug version of the structure shown in Figure 1.

3.1.5 debug version of the pattern shown in Figure 2.

3.1.6 debug version of the basic dimensions are shown in Table 1. Table 1 millimeters
 Symbols ABCDEF The basic dimensions of 420 29718018040125 Limit deviation $\pm 0.2 \pm 0.2 \pm 0.1 \pm 0.1 \pm 0.1 \pm$

0.1 Figure

3.2 Resolution

3.2.1 resolution shown in Figure 3, the pattern shown in Figure 4. Figure

3.2.2 Resolution by the ten groups of different spatial frequencies of line drawing composition. Each line drawings by five lines perpendicular components. each group Spatial frequency coefficient by R20, respectively 1.8,2.0,2.2,2.5,2.8,3.2,3.6,4.0,4.5,

3.2.3 each line should be clear and legible.

3.2.4 Each group spatial frequency limit deviation of $\pm 0.5\%$. Figure

3.2.5 total of three resolution, as shown in Figure 1 7.

3.3.1 grayscale horizontally aligned in the vertical direction, its cable density is

3.3.2 in the horizontal direction by the gray level optical density step consisting of seven, vertically-level gray scale by the optical density step 5, whose reflection density points Do is 0.15 to

0.15 to 0.85, the difference between the two neighboring order reflection density value of not less than 0.07.

3.4 solid circle Left, center and right symmetrical distribution. Closed circles reflection density of not less than 1.20.