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

GB/T 19110-2011

Replacing GB/T 19110-2003

**Micrographics -- Rotary camera systems -- Test target for
checking performance**

缩微摄影技术 检查轮转式缩微摄影机系统性能用的测试标板

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard is GB/T 19110-2003 "Micrographics rotary microfilm camera inspection system performance using standard test board" Amendments.

This standard and GB/T 19110-2003 Main changes compared to the following.

--- Reflectance measurement board for the measurement of the substrate to modify the opacity (4.1);

--- Increased reflectivity allows about 85% of the white paper instead of the standard test board test target microfilm image background with the substrate material Elaborated density test (5.1);

--- Information about the test after a microfilm camera sure to reset the correct exposure shooting gear used file tips (5.1);

--- Information about the daily production is no need to shoot 10 times a test target instructions (5.3).

This standard is identical with ISO 10594:2006 "Micrographics - Rotary camera systems - Test target for checking performance with" (English Version).

This standard and ISO 10594:2006 compared to editorial changes made the following.

--- Re-write the foreword;

--- Normative references to international standards replace the corresponding national standards.

Please note that some of the content of this document may involve patents. Release

mechanism of the present document does not assume responsibility for the identification of these patents.

Test Standards This standard replaces GB/T 19110-2003 "Micrographics rotary microfilm camera inspection system performance with board".

This Standard Document Imaging Technology by the National Standardization Technical Committee (SAC/TC86) and focal points.

This standard was drafted. National Information Technology Standardization Technical Committee Document Imaging first chapter.

Introduction

This standard is in order to check the rotary camera system provides a means of photographic quality and drafting. Rotary has a microfilm camera Certain characteristics, it requires test target with the GB/T 17293-2008 for inspection platform microfilm camera and specified test standard Plate is different in form.

Microfilm process may result in video production is not as original image file in some way. In order to reduce such a quality guarantee Held within the allowable range, the need to periodically check the output microfilm camera in order to take the necessary adjustment measures to troubleshooting.

Micrographics

Check rotary microfilm camera system with performance Test target

1 Scope

This standard specifies a test target and use the standard board examination 16mm rotary microfilm camera optical and mechanical performance.

The test target and method is applicable to.

- Evaluate the performance of microfilm camera (for example, before later establishing the initial reference);
- Acceptance test (for example, after maintenance after confirming purchase of technical indicators);
- Routine inspections (for example, week or month check check).

Note: Appendix A shows the characteristics of rotary microfilm camera.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 1543-2005 Paper and paperboard opacity (paper backing) measurement (diffuse reflectance method) (ISO 2471:1998, MOD) GB/T 6159.1-2003 Micrographics - Vocabulary - Part 1. General terms (ISO 6196-1:1993, MOD) GB/T 6159.3-2003 Micrographics - Vocabulary - Part 3. film processing (ISO 6196-3:1997, MOD) GB/T 6159.4-2003 Micrographics - Vocabulary - Part 4. Materials and packaging (ISO 6196-4:1998, MOD) GB/T 6159.5-2000 Micrographics - Vocabulary Part V. image quality, readability and inspection (eqv ISO 6196-5.

1987)

GB/T 6159.6-2003 Micrographics - Vocabulary - Part 6. Equipment (ISO 6196-6:1993, MOD) GB/T 6159.22-2000 Micrographics - Vocabulary Part II. and methods of recording images (eqv ISO 6196-2.

1993)

GB/T 6161-2008 Micrographics - ISO test chart No. 2 Resolving power is described and its application (ISO 3334:2006, IDT) GB/T 11500-2008 photographic density measurements - Part 2. Geometric conditions for transmission density (ISO 5-2:2001, IDT) GB/T 11501-2008 photographic density measurements - Part 3. Spectral conditions (ISO 5-3:1995, IDT) GB/T 12823.4-2008 photographic density measurements - Part 4. Geometric conditions for reflection density (ISO 5-4:1995, IDT) GB/T 18405-2008 features Micrographics ISO character and ISO test chart No. 1 and its use (ISO 446.

2004, IDT)

3 Terms and Definitions

GB/T 6159.1-2003, GB/T 6159.3-2003, GB/T 6159.4-2003, GB/T 6159.5-2000, GB/T 6159.6-Terms and definitions 2003 and GB/T 6159.22-2000 defined apply to this document.