

INTERNATIONAL STANDARD

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Micrographics — Planetary camera systems — Test target for checking performance

*Micrographie — Systèmes utilisant des caméras statiques — Cible de
contrôle de qualité*



Reference number
ISO 10550:1994(E)

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 10550 was prepared by Technical Committee ISO/TC 171, *Micrographics and optical memories for document and image recording, storage and use*.

Annex A of this International Standard is for information only.

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Micrographics — Planetary camera systems — Test target for checking performance

1 Scope

This International Standard describes a test target for use in checking the performance of planetary camera systems. It specifies methods for

- a) checking the performance of the system;
- b) monitoring cameras in routine use.

It applies to systems used to produce first-generation microforms that comply with ISO 3272-1, ISO 3272-2, ISO 6199 or ISO 9923.

It does not apply to the production of duplicates or hard copy.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 5-2:1991, *Photography — Density measurements — Part 2: Geometric conditions for transmission density*.

ISO 5-3:1984, *Photography — Density measurements — Part 3: Spectral conditions*.

ISO 5-4:1983, *Photography — Density measurements — Part 4: Geometric conditions for reflection density*.

ISO 446:1991, *Micrographics — ISO character and ISO test chart No. 1 — Description and use*.

ISO 2469:1977, *Paper, board and pulps — Measurement of diffuse reflectance factor*.

ISO 3272-1:1983, *Microfilming of technical drawings and other drawing office documents — Part 1: Operating procedures*.

ISO 3272-2:1994, *Microfilming of technical drawings and other drawing office documents — Part 2: Quality criteria and control of 35 mm silver gelatin microfilms*.

ISO 3334:1989, *Micrographics — ISO resolution test chart No. 2 — Description and use*.

ISO 6199:1991, *Micrographics — Microfilming of documents on 16 mm and 35 mm silver-gelatin type microfilm — Operating procedures*.

ISO 9923:—¹⁾, *Micrographics — Transparent A6 microfiche image arrangements*.

3 Creation and description of the test target

3.1 General

The test target shall be adapted to the microfilming application used; it shall comprise the features described hereafter arranged as shown on figure 1. The dimensions shall be in accordance with the maximum size of the document that can be microfilmed with a given system at a given reduction ratio.

ISO test charts No. 1 shall comply with ISO 446 and ISO test charts No. 2 shall comply with ISO 3334.

1) To be published.