INTERNATIONAL STANDARD

ISO 3334

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Micrographics — ISO resolution test chart No. 2 — Description and use

Micrographie — Mire de résolution ISO n° 2 — Description et utilisation

Reference number
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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 approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 3334 was prepared by Technical Committee ISO/TC 171, *Micrographics and optical memories for document and image recording, storage and use.*

This second edition cancels and replaces the first edition (ISO 3334 : 1976), of which it constitutes a minor revision.

Annex A of this International Standard is for information only.

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Introduction

Micrographic systems vary in their ability to record fine detail such as alphanumeric characters or closely spaced lines. The method specified in this International Standard involves the measurement of the ability of a given objective, photosensitive material and processing combination to reproduce the image of fine detail and therefore can be applied to define and control this aspect of imaging quality.

Since microrecording systems can be operated close to limits of legibility, resolution testing provides a safeguard against the loss of information, although other factors also contribute to the overall quality of the micro-image.

ISO 3334 describes a method of testing resolution that employs the ISO resolution test chart No. 2, in which the test patterns and their arrangement are shown in figures 1 and 2.