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Identification cards — Test methods — Part 2: Cards with magnetic stripes

*Cartes d'identification — Méthodes d'essai —
Partie 2: Cartes à bandeaux magnétiques*



Reference number
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Annex A (informative) Effects of wear on test heads and the use of wear resistant test heads26

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 10373-2 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and personal identification*.

This third edition cancels and replaces the second edition (ISO/IEC 10373-2:2006), which has been technically revised. It also incorporates the Technical Corrigendum ISO/IEC 10373-2:2006/Cor1:2010.

The user is encouraged to review the entire standard for revisions and updates. The major changes made during this revision are listed below.

- References to ISO/IEC 7811-8 and ISO/IEC 8484 were added.
- Calibration of reference current for ISO/IEC 7811-2 has been added. This will result in a small offset in requirements from the existing 2006 edition but will be equivalent to the requirements as written originally.
- Test densities of 500 ftpi have been changed to 508 ftpi to more closely agree with actual values used.
- Requirements that are different for different base standards have been moved into tables in most cases.
- In [5.5.2.3](#), Note 2 contained a normative requirement so it was moved out of note.
- The 2 cases of [Figure 14](#) have been combined and a table was given. Conflicting symmetry requirements were resolved by taking $T1 = T2 \pm 0,02 T1$.
- Description of correcting reference values was clarified and terms were deleted since these were not used. Reference to older editions of base standards was deleted.
- Contents of the technical corrigendum have been incorporated.

ISO/IEC 10373 consists of the following parts, under the general title *Identification cards — Test methods*:

- *Part 1: General characteristics*
- *Part 2: Cards with magnetic stripes*
- *Part 3: Integrated circuit cards with contacts and related interface devices*
- *Part 5: Optical memory cards*
- *Part 6: Proximity cards*

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- *Part 7: Vicinity cards*
- *Part 8: USB-ICC*
- *Part 9: Optical memory cards — Holographic recording method*