
**Ophthalmic instruments — Fundamental
requirements and test methods —**

**Part 1:
General requirements applicable
to all ophthalmic instruments**

*Instruments ophtalmiques — Exigences fondamentales et méthodes
d'essai —*

*Partie 1: Exigences générales applicables à tous les instruments
ophtalmiques*



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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.

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The main task of technical committees is to prepare International Standards. 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.

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ISO 15004-1 was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 7, *Ophthalmic optics and instruments*.

This first edition together with ISO 15004-2 cancels and replaces ISO 15004:1997, which has been technically revised as follows:

- a) all reference to light hazard (definitions 3.4 to 3.9, 6.3, 7.5, Annexes A, C and D of ISO 15004:1997) has essentially been moved to ISO 15004-2;
- b) ignitability requirement/testing changed (4.5.2 and 7.1 of ISO 15004:1997);
- c) environmental requirements/testing partly changed [Table 1; 5.2.2 and 8.1 f) of ISO 15004:1997];
- d) normative Annex B (now informative Annex A) entirely updated;
- e) normative (dated) reference updated to use IEC 60601-1:2005 edition.

ISO 15004 consists of the following parts, under the general title *Ophthalmic instruments — Fundamental requirements and test methods*:

- *Part 1: General requirements applicable to all ophthalmic instruments*
- *Part 2: Light hazard protection*