
**Optics and optical instruments — Minimum
requirements for stereomicroscopes —**

Part 1:

Stereomicroscopes for general use

*Optique et instruments d'optique — Prescriptions minimales pour les
stéréomicroscopes*

Partie 1: Stéréomicroscopes à usage général



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 11884-1 was prepared by Technical Committee ISO/TC 172, *Optics and optical instruments*, Subcommittee SC 5, *Microscopes and endoscopes*.

ISO 11884 consists of the following parts, under the general title *Optics and optical instruments — Minimum requirements for stereomicroscopes*:

- *Part 1: Stereomicroscopes for general use*
- *Part 2: High performance microscopes*

Optics and optical instruments — Minimum requirements for stereomicroscopes —

Part 1: Stereomicroscopes for general use

1 Scope

This part of ISO 11884 specifies minimum requirements for stereomicroscopes used mainly for visual observation for general use.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 11884. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 11884 are encouraged to investigate the possibility of applying the most recent edition of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 9022-1, *Optics and optical instruments — Environmental test methods — Part 1: Definitions, extent of testing*

ISO 9022-2, *Optics and optical instruments — Environmental test methods — Part 2: Cold, heat, humidity*

ISO 9022-3, *Optics and optical instruments — Environmental test methods — Part 3: Mechanical stress*

ISO 10934¹⁾, *Optics and optical instruments — Microscopy — Terms and definitions* (all parts)

ISO 11883, *Optics and optical instruments — Microscopes — Marking of stereomicroscopes*

ISO 15227¹⁾, *Optics and optical instruments — Microscopes — Testing of stereomicroscopes*

IEC 61010-1, *Safety requirements for electrical equipment for measurement, control and laboratory use*

CIE 10526, *Colorimetric illuminants*

3 Terms and definitions

For the purposes of this part of ISO 11884, the terms and definitions given in ISO 10934 apply.

1) To be published.