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Stereomicroscopes — Information provided to the user

Stéréo-microscopes — Informations délivrées à l'utilisateur

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Foreword

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 172, *Optics and photonics*, Subcommittee SC 5, *Microscopes and endoscopes*.

This second edition cancels and replaces the first edition (ISO 15362:1998), which has been technically revised.

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Stereomicroscopes — Information provided to the user

1 Scope

This International Standard specifies the minimum information to be provided by the manufacturer of stereomicroscopes to the user.

In addition to the mandatory information **(m)**, further data are recommended (r).

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

3 Data provided by the manufacturer

3.1 General

The following data shall be provided by the stereomicroscope manufacturer when the respective assemblies feature the properties described.

The format of the data shall be in accordance with ISO 11883.

a) details of origin;

b) **(m)** manufacturer;

c) (r) country of origin, if required.

3.2 General data concerning the stereomicroscope

a) **(m)** magnification;

b) **(m)** zoom range or number of discrete steps;

c) **(m)** object field diameter;

d) **(m)** free working distance d_1 (see Figure 1);

e) (r) numerical aperture.

NOTE This data can be compiled as shown in Table 1. Where magnifications are changeable, all data is intended to be/can be given for the minimum and maximum values.

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