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STANDARD

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JIS T 7308 : 2002

(JMOIA/JSA)

Refractor heads

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Health, Labour and Welfare through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by the Japan Medical-optical Equipment Industrial Association (JMOIA)/ the Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS T 7308 : 1988** is replaced with this Standard.

This revision has been made based on **ISO 10341 : 1997 *Ophthalmic instruments—Refractor heads*** for the purposes of making easy to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of International Standard which is based on Japanese Industrial Standard.

Date of Establishment: 1988-08-25

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Refractor heads

Introduction This Japanese Industrial Standard has been prepared based on **ISO 10341 : 1997** *Ophthalmic instruments—Refractor heads* issued as the first edition in 1997 without modifying the technical contents.

Portions with dotted underlines in this Standard are the items not existing in the original International Standard.

1 Scope This Standard specifies requirements and test methods for refractor heads used for the determination of refractive errors and binocular functions of the human eye.

Note : The International Standard corresponding to this Standard is as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21**.

ISO 10341 : 1997 *Ophthalmic instruments—Refractor heads* (MOD)

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 7090 *Optics and optical instruments—Reference wavelengths*

Remarks : **ISO 7944 : 1998** *Optics and optical instruments—Reference wavelengths* is equivalent to the said standard.

JIS T 0601-1 *Medical electrical equipment—Part 1 : General requirements for safety*

Remarks : **IEC 60601-1 : 1988** *Medical electrical equipment—Part 1 : General requirements for safety*, Amendment 1 : 1993 and Amendment 2 : 1995 are identical with the said standard.

JIS T 7330 *Ophthalmic optics—Spectacle lenses—Vocabulary*

Remarks : **ISO 13666 : 1998** *Ophthalmic optics—Spectacle lenses—Vocabulary* is equivalent to the said standard.

ISO 8429 *Optics and optical instruments—Ophthalmology—Graduated dial scale*

ISO 15004 *Ophthalmic instruments—Fundamental requirements and test methods*

3 Definitions For the purposes of this Standard, the definitions given in **JIS T 7330** and the following apply.

3.1 refractor head Instrument providing means of positioning spherical and cylindrical lenses, prisms and other optical devices in front of a subject's eyes for the purpose of determining refractive error and binocular functions.