



SLOVENSKI STANDARD SIST EN ISO 9337-2:2005

01-januar-2005

Contact lenses - Determination of back vertex power - Part 2: Measurement of contact lenses immersed in saline (ISO 9337-2:2004)

Contact lenses - Determination of back vertex power - Part 2: Measurement of contact lenses immersed in saline (ISO 9337-2:2004)

Kontaktlinsen - Bestimmung des bildseitigen Scheitelbrechwertes - Teil 2: Kontaktlinsenmessung in Immersion (Kochsalzlösung) (ISO 9337-2:2004)

Lentilles de contact - Détermination de la puissance frontale arrière - Partie 2: Mesurage des lentilles de contact immergées dans une solution saline (ISO 9337-2:2004)

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ICS:

11.040.70 Oftalmološka oprema Ophthalmic equipment

SIST EN ISO 9337-2:2005

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 9337-2

July 2004

ICS 11.040.70

English version

**Contact lenses - Determination of back vertex power - Part 2:
Measurement of contact lenses immersed in saline (ISO 9337-
2:2004)**

Lentilles de contact - Détermination de la puissance
frontale arrière - Partie 2: Mesurage des lentilles de contact
immergées dans une solution saline (ISO 9337-2:2004)

Kontaktlinsen - Bestimmung des bildseitigen
Scheitelbrechwertes - Teil 2: Kontaktlinsenmessung in
Immersion (Kochsalzlösung) (ISO 9337-2:2004)

This European Standard was approved by CEN on 15 June 2004.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 9337-2:2004 (E)**Foreword**

This document (EN ISO 9337-2:2004) has been prepared by Technical Committee ISO/TC 172 "Optics and optical instruments" in collaboration with Technical Committee CEN/TC 170 "Ophthalmic optics", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2005, and conflicting national standards shall be withdrawn at the latest by January 2005.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of ISO 9337-2:2004 has been approved by CEN as EN ISO 9337-2:2004 without any modifications.

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INTERNATIONAL
STANDARD

ISO
9337-2

First edition
2004-07-15

**Contact lenses — Determination of back
vertex power —**

Part 2:

**Measurement of contact lenses immersed
in saline**

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*Lentilles de contact — Détermination de la puissance frontale arrière —
Partie 2: Mesurage des lentilles de contact immergées dans une
solution saline*

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Foreword

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

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.

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

ISO 9337-2 was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 7, *Ophthalmic optics and instruments*.

ISO 9337 consists of the following parts, under the general title *Contact lenses — Determination of back vertex power*:

— Part 1: *Method using focimeter with manual focusing*

— Part 2: *Measurement of contact lenses immersed in saline*

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Introduction

It is intended that the test methods described in this part of ISO 9337 should be used by contact lens manufacturers, practitioners and other interested parties.

It has been assumed in drafting this part of ISO 9337 that the execution of its provisions will be entrusted to appropriately qualified and experienced people.

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Contact lenses — Determination of back vertex power —

Part 2:

Measurement of contact lenses immersed in saline

1 Scope

This part of ISO 9337 describes test methods for the determination of back vertex power of soft contact lenses immersed in saline. It is applicable to finished contact lenses.

2 Normative references

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

ISO 8320-1, *Contact lenses and contact lens care products — Vocabulary — Part 1: Contact lenses*

ISO 8320-2, *Contact lenses and contact lens care products — Vocabulary — Part 2: Contact lens care products*

ISO 10344, *Optics and optical instruments — Contact lenses — Saline solution for contact lens testing*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 8320-1 and ISO 8320-2 apply.

4 Test methods

The test methods specified in Annex A are listed in Table 1, together with a statement of their reproducibility when applied to spherical or toric soft contact lenses. Reproducibility of a method should be half or less of the product tolerance in order to verify the tolerance.