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

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

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*

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.

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.