



# SLOVENSKI STANDARD SIST EN ISO 8598-1:2014

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**Optika in optični instrumenti - Fokometri - 1. del: Splošno uporabni instrumenti za merjenje spektralnih leč (ISO 8598-1:2014)**

Optics and optical instruments - Focimeters - Part 1: General purpose instruments used for measuring spectacle lenses (ISO 8598-1:2014)

Optik und optische Instrumente - Scheitellbrechwert-Messgeräte - Teil 1: Instrumente für den allgemeinen Gebrauch zur Verwendung für die Brillenglas-Messung (ISO 8598-1:2014)

Optique et instruments d'optique - Frontofocomètres - Partie 1: Instruments pour cas généraux pour le mesurage des verres de lunettes (ISO 8598-1:2014)

**Ta slovenski standard je istoveten z: EN ISO 8598-1:2014**

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**ICS:**

11.040.70      Oftalmološka oprema      Ophthalmic equipment

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EUROPEAN STANDARD

EN ISO 8598-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2014

ICS 11.040.70

Supersedes EN ISO 8598:1998

English Version

## Optics and optical instruments - Focimeters - Part 1: General purpose instruments used for measuring spectacle lenses (ISO 8598-1:2014)

Optique et instruments d'optique - Frontofocomètres -  
Partie 1: Instruments pour cas généraux pour le mesurage  
des verres de lunettes (ISO 8598-1:2014)

Optik und optische Instrumente - Scheitelbrechwert-  
Messgeräte - Teil 1: Instrumente für den allgemeinen  
Gebrauch zur Verwendung für die Brillenglas-Messung  
(ISO 8598-1:2014)

This European Standard was approved by CEN on 22 April 2014.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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## Foreword

This document (EN ISO 8598-1:2014) has been prepared by Technical Committee ISO/TC 172 "Optics and photonics" 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of an identical text or by endorsement, at the latest by March 2015, and conflicting national standards shall be withdrawn at the latest by March 2015.

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

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

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**Optics and optical instruments —  
Focimeters —**

**Part 1:  
General purpose instruments**

*Optique et instruments d'optique — Frontofocomètres —*

*Partie 1: Instruments pour cas généraux*

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## ISO 8598-1:2014(E)

## 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 7, *Ophthalmic optics and instruments*.

This first edition of ISO 8598-1 cancels and replaces ISO 8598:1996, of which it constitutes a technical revision. It also incorporates the Technical Corrigendum ISO 8598:1996/Cor.1:1998.

ISO 8598 consists of the following parts, under the general title *Optics and optical instruments — Focimeters*:

— *Part 1: General purpose instruments*

## Introduction

General purpose focimeters are intended for measurement of contact lenses, single-vision, multifocal and progressive-power or degressive-power spectacle lenses, both uncut and mounted in spectacle frames, and for the orientation and marking of spectacle lenses.

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