



SLOVENSKI STANDARD
SIST EN ISO 14457:2012
01-november-2012

Zobozdravstvo - Ročni pripomočki in motorji (ISO 14457:2012)

Dentistry - Handpieces and motors (ISO 14457:2012)

Zahnheilkunde - Handstücke und Motoren (ISO 14457:2012)

Médecine bucco-dentaire - Pièces à main et moteurs (ISO 14457:2012)

Ta slovenski standard je istoveten z: EN ISO 14457:2012

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ICS:

11.060.25 Zobotehnični instrumenti Dental instruments

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14457

September 2012

ICS 11.060.25

English Version

Dentistry - Handpieces and motors (ISO 14457:2012)

Médecine bucco-dentaire - Pièces à main et moteurs (ISO 14457:2012)

Zahnheilkunde - Handstücke und Motoren (ISO 14457:2012)

This European Standard was approved by CEN on 14 September 2012.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 14457:2012) has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with Technical Committee CEN/TC 55 "Dentistry" 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of an identical text or by endorsement, at the latest by March 2013, and conflicting national standards shall be withdrawn at the latest by March 2013.

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.

According to the CEN/CENELEC Internal Regulations, the national standards organisations 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.

Endorsement notice

The text of ISO 14457:2012 has been approved by CEN as a EN ISO 14457:2012 without any modification.

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INTERNATIONAL STANDARD

ISO
14457

First edition
2012-09-15

Dentistry — Handpieces and motors

Médecine bucco-dentaire — Pièces à main et moteurs

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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.

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 14457 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

ISO 14457 cancels and replaces ISO 7785-1:1997, ISO 7785-2:1995, ISO 11498:1997 and ISO 13294:1997, which have been technically revised.

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ISO 14457:2012(E)**Introduction**

Dental handpieces and dental motors have been used in dental treatment procedures for many years.

Technical development creates handpieces and motors that are better and easier to use. The combination of these items is very important for good performance.

This International Standard combines the content of the following four ISO standards, which have now been withdrawn.

ISO 7785-1:1997, *Dental handpieces — Part 1: High-speed air turbine handpieces*

ISO 7785-2:1995, *Dental handpieces — Part 2: Straight and geared angle handpieces*

ISO 11498:1997, *Dental handpieces — Dental low-voltage electrical motors*

ISO 13294:1997, *Dental handpieces — Dental air-motors*

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