

SLOVENSKI STANDARD
SIST EN ISO 13294:2000
01-januar-2000

Dental handpieces - Dental air-motors (ISO 13294:1997)

Dental handpieces - Dental air-motors (ISO 13294:1997)

Zahnärztliche Handstücke - Zahnärztliche Luftmotoren (ISO 13294:1997)

Pieces a main dentaires - Moteurs dentaires a air (ISO 13294:1997)

Ta slovenski standard je istoveten z: EN ISO 13294:1997

[SIST EN ISO 13294:2000](https://standards.iteh.ai/catalog/standards/sist/ace0271a-5c7b-4b04-bdc3-00b3df38acbc/sist-en-iso-13294-2000)

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ICS:

11.060.20 Z[à[c @ ã } æ] ! ^ { æ Dental equipment

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EUROPEAN STANDARD

EN ISO 13294

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 1997

ICS 11.060.20

Descriptors: see ISO document

English version

**Dental handpieces - Dental air-motors
(ISO 13294:1997)**Pièces à main dentaires -
air (ISO 13294:1997)

Moteurs dentaires à

Zahnärztliche Handstücke -
Luftmotoren (ISO 13294:1997)

Zahnärztliche

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This European Standard was approved by CEN on 1997-03-28. 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 Central Secretariat or to any CEN member.

The European Standards exist 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.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENEuropean Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN ISO 13294:1997

Foreword

The text of the International Standard ISO 13294:1997 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 November 1997, and conflicting national standards shall be withdrawn at the latest by November 1997.

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

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**Endorsement notice
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The text of the International Standard ISO 13294:1997 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).



Annex ZA (normative)
**Normative references to international publications
 with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 1942-3	1989	Dental vocabulary - Part 3: Dental Instruments	EN 21942-3	1993
ISO 3696	1987	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	1995
ISO 3964	1982	Dentistry - Dental handpieces - Coupling dimensions	EN 23964	1989
ISO 7785-2	1995	Dental handpieces - Part 2: Straight and geared angle handpieces	EN ISO 7785-2	1996
ISO 9168	1991	Dentistry - Dental handpieces - Hose connectors	EN 29168	1994
ISO 9687	1993	Dental handpieces - Graphical symbols	EN ISO 9687	1995

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INTERNATIONAL STANDARD

**ISO
13294**

First edition
1997-05-01

Dental handpieces — Dental air-motors

Pièces à main dentaires — Moteurs dentaires à air

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Reference number
ISO 13294:1997(E)

ISO 13294:1997(E)

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X.400 c=ch; a=400net; p=iso; o=isocs; s=central

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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.

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.

International Standard ISO 13294 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

Annex A of this International Standard is for information only.

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Dental handpieces – Dental air-motors

1 Scope

This International Standard specifies requirements and test methods for dental air-motors, operated by dental units, and used for straight and geared angle handpieces for application on patients.

It also contains specifications on manufacturer's instructions, marking and packaging.

This International Standard refers to IEC 601-1:1988, the basic standard on safety of medical electrical equipment, wherever relevant, by stating the respective clause numbers of IEC 601-1:1988.

This International Standard takes priority over IEC 601-1:1988 as specified in the individual clauses of this International Standard.

Only the specifications laid down in this International Standard are applicable.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 554:1976,	<i>Standard atmospheres for conditioning and/or testing — Specifications.</i>
ISO 1942-3:1989,	<i>Dental vocabulary — Part 3: Dental instruments.</i>
ISO 3696:1987,	<i>Water for analytical laboratory use — Specification and test methods.</i>
ISO 4211:1979,	<i>Furniture — Assessment of surface resistance to cold liquids.</i>
ISO 7494:1996,	<i>Dental units.</i>
ISO 7785-2:1995,	<i>Dental handpieces — Straight and geared angle handpieces.</i>
ISO 9168:1991,	<i>Dental handpieces — Hose connectors.</i>
ISO 9687:1993,	<i>Dental equipment — Graphical symbols.</i>
ISO 13402:1995,	<i>Surgical and dental hand instruments — Determination of resistance against autoclaving, corrosion and thermal exposure.</i>
IEC 601-1:1988,	<i>Medical electrical equipment — Part 1: General requirements for safety.</i>
IEC 651:1979,	<i>Sound level meters.</i>

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 1942-3 and in IEC 601-1:1988, clause 2, apply.