



SLOVENSKI STANDARD
SIST EN ISO 10637:2001
01-november-2001

Dental equipment - High- and medium-volume suction systems (ISO 10637:1999)

Dental equipment - High- and medium-volume suction systems (ISO 10637:1999)

Zahnärztliche Ausrüstungen - Absaugsysteme mit hoher und mittlerer Durchflußmenge (ISO 10637:1999)

Matériel dentaire - Systemes d'aspiration a haut et moyen volume (ISO 10637:1999)

STANDARD PREVIEW
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Ta slovenski standard je istoveten z: EN ISO 10637:2000

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ICS:

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

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en

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EUROPEAN STANDARD

EN ISO 10637

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2000

ICS 11.060.20

English version

Dental equipment - High- and medium-volume suction systems (ISO 10637:1999)

Matériel dentaire - Systèmes d'aspiration à haut et moyen
volume (ISO 10637:1999)

Zahnärztliche Ausrüstungen - Absaugsysteme mit hoher
und mittlerer Durchflußmenge (ISO 10637:1999)

This European Standard was approved by CEN on 9 September 2000.

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.

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.

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.

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EUROPEAN 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 10637:2000

Foreword

The text of the International Standard from Technical Committee ISO/TC 106 "Dentistry" of the International Organization for Standardization (ISO) has been taken over as an European Standard by 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 April 2001, and conflicting national standards shall be withdrawn at the latest by April 2001.

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.

Endorsement notice

The text of the International Standard ISO 10637:1999 has been approved by CEN as a European Standard without any modification.

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

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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 1942-4		Dental vocabulary - Part 4: Dental equipment	EN 21942-4	1993
ISO 7494		Dental units	EN ISO 7494	1997
ISO 9687		Dental equipment - Graphical symbols	EN ISO 9687	1995

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INTERNATIONAL
STANDARD

ISO
10637

First edition
1999-08-01

**Dental equipment — High- and medium-
volume suction systems**

Matériel dentaire — Systèmes d'aspiration à haut et moyen volume

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Reference number
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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 3.

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 10637 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 6, *Dental equipment*.

Annex A forms a normative part of this International Standard.

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Introduction

This International Standard contains specifications for high- and medium-volume suction systems which are used in the dental surgery as part of the dental equipment.

The aim of this International Standard is to ensure the reliable function of suction systems and the necessary safety in common usage and within normal ambient conditions.

Any item of dental equipment recommended by the manufacturer for use in connection with suction systems should not render the equipment unsafe.

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Dental equipment — High- and medium-volume suction systems

1 Scope

This International Standard applies to high- and medium-volume suction systems which are items of dental equipment. They are usually an integral part of a dental unit.

This International Standard specifies performance and safety requirements as well as test procedures for high- and medium-volume suction systems. It also contains specifications on manufacturer's instructions, marking and packaging.

This International Standard takes priority, where applicable, over IEC 60601-1, as specified in the individual clauses of this International Standard.

This International Standard is not applicable to low-volume suction systems.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 1942-4, *Dental vocabulary — Part 4: Dental equipment*.

ISO 7494, *Dental units*.

ISO 9687, *Dental equipment — Graphical symbols*.

IEC 60335-1, *Safety of household and similar electrical appliances — Part 1: General requirements*.

IEC 60601-1:1988, *Medical electrical equipment — Part 1: General requirements for safety*.

IEC 60651, *Sound level metres*.