

SLOVENSKI STANDARD SIST EN ISO 13397-1:2000

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Periodontal cures, dental scalers and excavators - Part 1: General requirements (ISO 13397-1:1995)

Periodontal cures, dental scalers and excavators - Part 1: General requirements (ISO 13397-1:1995)

Parodontalküretten, zahnärztliche Schaber und Exkavatoren - Teil 1: Allgemeine Anforderungen (ISO 13397-1:1995)

Curettes parodontales, instruments dentaires pour détartrage et excavateurs dentaires - Partie 1: Prescriptions générales (ISO 13397-1:1995)

Ta slovenski standard je istoveten z: EN ISO 13397-1:1995

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 13397-1

NORME EUROPÉENNE

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December 1995

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English version

**Periodontal curettes, dental scalers and
excavators - Part 1: General requirements
(ISO 13397-1:1995)**

Curettes parodontales, instruments dentaires
pour détartrage et excavateurs dentaires -
Partie 1: Prescriptions générale
(ISO 13397-1:1995)

Parodontalküretten, zahnärztliche Schaber und
Exkavatoren - Teil 1: Allgemeine Anforderungen
(ISO 13397-1:1995)

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This European Standard was approved by CEN on 1995-12-06. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

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

Foreword

The text of the International Standard ISO 13397-1:1995 has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with CEN/TC 55 "Dentistry".

ISO 13397 consists of the following parts, under the general title "Periodontal curettes, dental scalers and excavators":

- Part 1: General requirements
- Part 2: Periodontal curettes - Gr-type (dimensions)
- Part 3: Dental scalers - H-type (dimensions)
- Part 4: Dental excavators

It is anticipated that additional types of instruments will form the subject of future parts.

Annex A of this part of ISO 13397 is for information only.

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 June 1996, and conflicting national standards shall be withdrawn at the latest by June 1996.

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

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The text of the International Standard ISO 13397-1:1995 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications 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

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INTERNATIONAL STANDARD

ISO
13397-1

First edition
1995-12-15

Periodontal curettes, dental scalers and excavators —

Part 1: General requirements

iTeh STANDARD PREVIEW
(standards.iteh.ai)

*Curettes parodontales, instruments dentaires pour détartrage et
excavateurs dentaires —
Partie 1: Prescriptions générales*



Reference number
ISO 13397-1:1995(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.

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 13397-1 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

ISO 13397 consists of the following parts, under the general title *Periodontal curettes, dental scalers and excavators*:

- Part 1: *General requirements*
- Part 2: *Dental curettes — Gr-type*
- Part 3: *Dental scalers — H-type*
- Part 4: *Dental excavators*

It is anticipated that additional types of instruments will form the subject of future parts.

Annex A of this part of ISO 13397 is for information only.

Periodontal curettes, dental scalers and excavators —

Part 1: General requirements

1 Scope

This part of ISO 13397 specifies the general material and performance requirements for periodontal curettes, dental scalers and excavators.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 13397. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 13397 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 1942-3:1989, *Dental vocabulary — Part 3: Dental instruments*.

ISO 6507-2:1983, *Metallic materials — Hardness test — Vickers test — Part 2: HV 0,2 to less than HV 5*.

ISO 7153-1:1991, *Surgical instruments — Metallic materials — Part 1: Stainless steel*.

ISO 13402:1995, *Surgical and dental hand instruments — Determination of resistance against autoclaving, corrosion and thermal exposure*.

3 Definitions

For the purposes of this part of ISO 13397, the definitions given in ISO 1942-3 apply.

4 Classification

Periodontal curettes, dental scalers and excavators specified in all parts of ISO 13397 are classified according to the Vickers hardness of the working end:

class 1: 600 HV1 - 700 HV1

class 2: 550 HV1 - 620 HV1

5 Material

5.1 Material of working end

The working end shall be made of martensitic stainless steel complying with ISO 7153-1 or other materials providing the instrument made therefrom meets the requirements of clause 6.

5.2 Material of handle

The material of the handle, selected at the discretion of the manufacturer, shall meet the requirements of clause 6.

6 Requirements

6.1 Surface finish

6.1.1 All surfaces

All surfaces shall be visibly free from pores, crevices, grinding marks, residual scales, acid, grease and residual grinding and polishing materials, when inspected using normal vision.