



SLOVENSKI STANDARD
SIST EN ISO 9997:2000

01-julij-2000

BUXca Yý U
SIST EN 29997:2000

Dental cartridge syringes (ISO 9997:1999)

Dental cartridge syringes (ISO 9997:1999)

Zahnärztliche Ampullenspritzen (ISO 9997:1999)

Seringues a usage dentaire pour cartouches (ISO 9997:1999)

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Ta slovenski standard je istoveten z: EN ISO 9997:1999

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ICS:

11.040.25	Injekcijske brizge, igle in katetri	Syringes, needles and catheters
11.060.20	Z[à] [c] [ã] [æ]	Dental equipment

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 9997

December 1999

ICS 11.040.00; 11.060.00

Supersedes EN 29997:1982

English version

Dental cartridge syringes (ISO 9997:1999)

Seringues à usage dentaire pour cartouches (ISO
9997:1999)

This European Standard was approved by CEN on 15 December 1999.

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

Foreword

The text of the International Standard ISO 9997:1999 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 supersedes EN ISO 29997:1982

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 2000, and conflicting national standards shall be withdrawn at the latest by June 2000.

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.

NOTE FROM CEN/CS: The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

Endorsement notice

The text of the International Standard ISO 9997:1999 was approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD

**ISO
9997**

Second edition
1999-12-15

Dental cartridge syringes

Seringues à usage dentaire pour cartouches

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ISO 9997:1999(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.

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.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 9997 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

This second edition cancels and replaces the first edition (ISO 9997:1990), which has been technically revised as follows:

- the dental cartridge syringes are now classified into non-aspirating and aspirating types with a subclassification according to aspiration of force produced by drawing the plunger or by the deflection of a diaphragm;
- improved description of plunger rod test;
- corrosion test in accordance with ISO 13402;
- marking now requires lot number.

Introduction

This International Standard specifies requirements for dental cartridge syringes with ISO metric thread sizes only. However, attention is drawn to the existence of a variety of syringes with Imperial thread sizes (see annex A).

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