Dentistry - Dental handpieces - Electricalpowered scalers and scaler tips

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO
22374:2005 sisaldab Euroopa standardi
EN ISO 22374:2005 ingliskeelset teksti.

This Estonian standard EVS-EN ISO 22374:2005 consists of the English text of the European standard EN ISO 22374:2005.

Käesolev dokument on jõustatud 25.10.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.

This document is endorsed on 25.10.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.

Standard on kättesaadav Eesti standardiorganisatsioonist.

The standard is available from Estonian standardisation organisation.

Käsitlusala:

This International Standard specifies requirements and test methods for electrical-powered scalers and scaler tips, including piezo, ferrostrictive and magnetostrictive type ultrasonic scalers, operated as stand-alone items or connected to dental units, for use on patients.

Scope:

This International Standard specifies requirements and test methods for electrical-powered scalers and scaler tips, including piezo, ferrostrictive and magnetostrictive type ultrasonic scalers, operated as stand-alone items or connected to dental units, for use on patients.

ICS 11.060.25

Võtmesõnad:

EUROPEAN STANDARD NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 22374

September 2005

ICS 11.060.25

English Version

Dentistry - Dental handpieces - Electrical-powered scalers and scaler tips (ISO 22374:2005)

Art dentaire - Pièces à main dentaires - Instruments pour détartrage électriques et parties actives des instruments pour détartrage (ISO 22374:2005)

Zahnheilkunde - Zahnärztliche Handstücke - Elektrisch betriebene Scaler und Spitzen (ISO 22374:2005)

This European Standard was approved by CEN on 13 August 2005.

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Foreword

This document (EN ISO 22374:2005) 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of an identical text or by endorsement, at the latest by March 2006, and conflicting national standards shall be withdrawn at the latest by March 2006.

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

Endorsement notice

Approv. The text of ISO 22374:2005 has been approved by CEN as EN ISO 22374:2005 without any modifications.

INTERNATIONAL **STANDARD**

ISO 22374

> First edition 2005-09-01

Dentistry — Dental handpieces — Electrical-powered scalers and scaler tips

Entiques Properties of the pro Art dentaire — Pièces à main dentaires — Instruments pour détartrage électriques et parties actives des instruments pour détartrage



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Published in Switzerland

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Foreword

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ae IS ISO 22374 was prepared by Technical Committee ISO/TC 106, Dentistry, Subcommittee SC 4, Dental instruments.

Dentistry — Dental handpieces — Electrical-powered scalers and scaler tips

1 Scope

This International Standard specifies requirements and test methods for electrical-powered scalers and scaler tips, including piezo, ferrostrictive and magnetostrictive type ultrasonic scalers, operated as stand-alone items or connected to dental units, for use on patients. It also contains specifications on manufacturers' instructions, marking and packaging.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1942, Dentistry — Vocabulary

ISO 7494-1, Dentistry — Dental units — Part 1: General requirements and test methods

ISO 9687, Dental equipment — Graphical symbols

ISO 15223, Medical devices — Symbols to be used with medical device labels, labelling and information to be supplied

ISO 17664, Sterilization of medical devices — Information to be provided by the manufacturer for the processing of resterilizable medical devices

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

IEC 61012, Filters for the measurement of audible sound in the presence of ultrasound

IEC 61672-1, Electroacoustics — Sound level meters — Part 1: Specifications

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1942 and the following apply.

3.1

electrical powered scaler

instrument with a oscillating scaler tip used in dental treatment consisting of a combination of a dental unit, a handpiece, the tubing connecting the handpiece to the dental unit, and an interchangeable scaler tip

NOTE The system also includes a connection to a supply of cooling liquid.

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