



# SLOVENSKI STANDARD SIST EN ISO 8836:2008

01-september-2008

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SIST EN 1733:2003

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Suction catheters for use in the respiratory tract (ISO 8836:2007)

Absaugkatheter zur Verwendung im Atemtrakt (ISO 8836:2007)

Sondes d'aspiration pour les voies respiratoires (ISO 8836:2007)

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Ta slovenski standard je istoveten z: EN ISO 8836:2008

## ICS:

11.040.10	Anestezijska, respiratorna in reanimacijska oprema	Anaesthetic, respiratory and reanimation equipment
11.040.25	Injekcijske brizge, igle in katetri	Syringes, needles and catheters

**SIST EN ISO 8836:2008**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 8836**

June 2008

ICS 11.040.10; 11.040.25

Supersedes EN 1733:2002

English Version

## Suction catheters for use in the respiratory tract (ISO 8836:2007)

Sondes d'aspiration pour les voies respiratoires (ISO 8836:2007)

Absaugkatheter zur Verwendung im Atemtrakt (ISO 8836:2007)

This European Standard was approved by CEN on 16 May 2008.

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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 CEN Management Centre has the same status as the official versions.

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## Foreword

The text of ISO 8836:2007 has been prepared by Technical Committee ISO/TC 121 “Anaesthetic and respiratory equipment” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 8836:2008 by Technical Committee CEN/TC 215 “Respiratory and anaesthetic equipment” the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by December 2008, and conflicting national standards shall be withdrawn at the latest by December 2008.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1733:2002.

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

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Endorsement notice

The text of ISO 8836:2007 has been approved by CEN as a EN ISO 8836:2008 without any modification.

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# INTERNATIONAL STANDARD

**ISO**  
**8836**

Third edition  
2007-09-01

Corrected version  
2008-03-15

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## Suction catheters for use in the respiratory tract

*Sondes d'aspiration pour les voies respiratoires*

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Reference number  
ISO 8836:2007(E)

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**ISO 8836:2007(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 2.

The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 8836 was prepared by Technical Committee ISO/TC 121, *Anaesthetic and respiratory equipment*, Subcommittee SC 2, *Tracheal tubes and other equipment*.

This third edition cancels and replaces the second edition (ISO 8836:1997) certain clauses of which have been technically revised. Suction catheters are now required to have more than one orifice, except when used in low vacuum systems or under direct vision. Material characteristics and requirements related to suction catheters were previously informative but are now normative to comply with the Essential Requirements of the Medical Device Directives. They have been moved from an informative annex to normative requirements in the body of the standard. Table 1 (colour identification) has been combined with Table 2 (metric dimensions).

This corrected version of ISO 8836 contains changes to the Normative references on page 1.

ISO 11607 has been replaced by ISO 11607-1 and ISO 11607-2. The reference in subclause 8.2.2 on page 6 has been altered.

## Introduction

This International Standard specifies dimensions and requirements for suction catheters for use in the respiratory tract.

Size is designated by outside diameter which is important when selecting catheters because of its relationship to the ease with which the catheter can be passed through a tracheal or tracheostomy tube (see ISO 5361 for details of requirements for tracheal tubes and tracheostomy tubes).

Flammability of suction catheters, for example if flammable anaesthetics, electrosurgical units or lasers are used, is a well-recognised hazard<sup>1)</sup> that is addressed by appropriate clinical management and is outside the scope of this International Standard.

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1) See ISO/TR 11991.