



SLOVENSKI STANDARD SIST EN ISO 9170-1:2008

01-september-2008

Nadomešča:
SIST EN 737-1:2000

Končni deli napeljav za medicinske pline - 1. del: Končni deli za stisnjene medicinske pline in podtlak (ISO 9170-1:2008)

Terminal units for medical gas pipeline systems - Part 1: Terminal units for use with compressed medical gases and vacuum (ISO 9170-1:2008)

Entnahmestellen für Rohrleitungssysteme für medizinische Gase - Teil 1: Entnahmestellen für medizinische Druckgase und Vakuum (ISO 9170-1:2008)

Prises murales pour systèmes de distribution de gaz médicaux - Partie 1: Prises murales pour les gaz médicaux comprimés et le vide (ISO 9170-1:2008)

Ta slovenski standard je istoveten z: EN ISO 9170-1:2008

ICS:

11.040.10	Anestezijska, respiratorna in reanimacijska oprema	Anaesthetic, respiratory and reanimation equipment
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SIST EN ISO 9170-1:2008

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 9170-1

July 2008

ICS 11.040.10

Supersedes EN 737-1:1998

English Version

**Terminal units for medical gas pipeline systems - Part 1:
Terminal units for use with compressed medical gases and
vacuum (ISO 9170-1:2008)**

Prises murales pour systèmes de distribution de gaz
médicaux - Partie 1: Prises murales pour les gaz médicaux
comprimés et le vide (ISO 9170-1:2008)

Entnahmestellen für Rohrleitungssysteme für medizinische
Gase - Teil 1: Entnahmestellen für medizinische Druckgase
und Vakuum (ISO 9170-1:2008)

This European Standard was approved by CEN on 21 June 2008.

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

CEN members are the national standards bodies of 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 United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN ISO 9170-1:2008) has been prepared by Technical Committee ISO/TC 121 "Anaesthetic and respiratory equipment" in collaboration with 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 January 2009, and conflicting national standards shall be withdrawn at the latest by July 2010.

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 737-1:1998.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EC Directive.

For relationship with EC Directives, see informative Annex ZA, which is an integral part of this document.

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 9170-1:2008 has been approved by CEN as a EN ISO 9170-1:2008 without any modification.

Annex ZA (informative)

Correspondence between this International Standard and Directive 93/42/EEC

This International Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Directive 93/42/EEC Medical devices.

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

Table ZA.1 — Correspondence between this International Standard and Directive 93/42/EEC

Clause(s)/Sub-clause(s) of this International Standard	Corresponding essential requirements of EU Directive 93/42/EEC	Qualifying remarks/Notes
4	1	
4.1	2, 6	
4.2	2	
4.3	2	
4.3.1	7.1, 7.3, 9.3	
4.3.2	4, 7.1, 9.2	
4.3.3	3, 5	
4.3.4	7.1, 7.2	
4.3.5	7.3, 9.3	
4.4	2, 3, 4	
4.4.1	9.1, 9.2	
4.4.1.2	12.7.1	
4.4.1.5	12.7.1	
4.4.1.8	12.7.1	
4.4.2	9.1, 12.7.4	
4.4.3	12.7.4	
4.4.4	9.1, 12.7.4	
4.4.5	12.8.2	
4.4.6	12.8.2	
4.4.7	9.1, 12.7.4	
4.4.8	12.7.4	
4.4.10	12.7.4	

Table ZA.1 (continued)

Clause(s)/Sub-clause(s) of this International Standard	Corresponding essential requirements of EU Directive 93/42/EEC	Qualifying remarks/Notes
4.4.11	9.1	
4.4.12	9.2, 12.7.4	
4.4.13	9.2, 12.7.4	
4.4.14	9.2, 12.7.1, 12.7.4	
4.4.15	7.5	
4.4.16	9.1, 12.7.4	
4.4.17	9.1, 12.7.4	
4.4.18	12.6	
4.5.1	7.2, 9.3	
4.5.2	7.3, 9.3	
5.2	12.7.4	
5.3	9.1	
5.4	9.2, 12.7.4	
5.5	9.2, 12.7.4	
5.6	9.2, 12.7.1, 12.7.4	
5.7	7.5	
5.8	9.1, 12.7.4	
5.9	9.1, 12.7.4	
5.10	13.2	
6.1	13.2	
6.1.3	13.1, 13.3 a), 13.3 d), 13.5	
6.2	13.2	
6.3	3, 5	
6.3.1	5, 7.2, 7.6	
6.3.2	13.1, 13.3 b)	
7.1	13.1, 13.3 a), 13.4, 13.6 a)	
7.2	7.6, 9.1, 12.7.4, 13.6 c), 13.6 d)	
7.3	2, 13.1	
7.4 1st dash	9.3	
7.4 2nd dash	9.2	
7.4 3rd dash	9.1, 12.7.4, 13.6 c)	

WARNING: Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard.

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INTERNATIONAL STANDARD

ISO
9170-1

Second edition
2008-07-01

Terminal units for medical gas pipeline systems —

Part 1:

Terminal units for use with compressed medical gases and vacuum

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Prises murales pour systèmes de distribution de gaz médicaux —
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ISO 9170-1:2008(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 9170-1 was prepared by Technical Committee ISO/TC 121, *Anaesthetic and respiratory equipment*, Subcommittee SC 6, *Medical gas systems*.

This second edition cancels and replaces the first edition (ISO 9170-1:1999) which has been technically revised.

ISO 9170 consists of the following parts, under the general title *Terminal units for medical gas pipeline systems*:

- *Part 1: Terminal units for use with compressed medical gases and vacuum*
- *Part 2: Terminal units for anaesthetic gas scavenging systems*

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