



NSAI
Standards

Irish Standard
I.S. EN ISO 10524-4:2008

Pressure regulators for use with medical gases - Part 4: Lowpressure regulators (ISO 10524-4:2008)

I.S. EN ISO 10524-4:2008

Incorporating amendments/corrigenda issued since publication:

<i>This standard replaces:</i> I.S. EN 738-4:1999	<i>This standard is based on:</i> EN ISO 10524-4:2008 EN 738-4:1998	<i>Published:</i> 1 June, 2008 9 April, 1999
This Irish Standard was published under the authority of the NSAI and comes into effect on: 6 August, 2008		ICS number: 11.040.10
NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie
		Price Code: L
Údarás um Chaighdeáin Náisiúnta na hÉireann		

I.S. EN ISO 10524-4:2008

EUROPEAN STANDARD

EN ISO 10524-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2008

ICS 11.040.10

Supersedes EN 738-4:1998

English Version

Pressure regulators for use with medical gases - Part 4: Low-pressure regulators (ISO 10524-4:2008)

Détendeurs pour l'utilisation avec les gaz médicaux - Partie
4: Détendeurs basse pression (ISO 10524-4:2008)

Druckminderer zur Verwendung mit medizinischen Gasen -
Teil 4: Niederdruckminderer (ISO 10524-4:2008)

This European Standard was approved by CEN on 29 May 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.



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

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

Contents

Page

Foreword.....	3
Annex ZA (informative) Correspondence between this International Standard and Directive 93/42/EEC.....	4

Foreword

This document (EN ISO 10524-4:2008) 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 December 2008, and conflicting national standards shall be withdrawn at the latest by June 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 738-4:1998.

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(s).

For relationship with EC Directive(s), 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.

Endorsement notice

The text of ISO 10524-4:2008 has been approved by CEN as a EN ISO 10524-4:2008 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 on 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 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, Medical devices

Clause(s)/Subclause(s) of this International Standard	Essential Requirements (ERs) of EU Directive 93/42/EEC	Qualifying remarks/Notes
5	1	
5.1	2 - 6	
5.1.2	9.1 - 12.7.4	
5.2	2	
5.3	2	
5.3.1	7.1 - 7.3 - 9.3	
5.3.2	7.3 - 9.3	
5.3.3	4 - 7.1 - 9.2	
5.3.4	3 - 5	
5.3.5	7.1 - 7.2	
5.4	2 - 3 - 4	
5.4.1	9.2	
5.4.2.1	10.2 - 10.3	
5.4.2.3	10.2	
5.4.3	9.1 - 12.7.4	
5.4.4	9.1 - 12.7.4	
5.4.6	12.7.1	
5.4.7	7.2 - 7.6	
5.4.8	7.5	
5.4.9	7.5 - 9.2 - 12.7.1	
5.4.10.1	12.8.1 - 12.8.2	
5.4.10.2	10.2	

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-