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**BS EN 61010-2-040:2015**



**BSI Standards Publication**

# **Safety requirements for electrical equipment for measurement, control, and laboratory use**

Part 2-040: Particular requirements for  
sterilizers and washer-disinfectors used  
to treat medical materials

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This British Standard is the UK implementation of EN 61010-2-040:2015. It is identical to IEC 61010-2-040:2015. It supersedes BS EN 61010-2-040:2005, which will be withdrawn on 11 August 2018.

The UK participation in its preparation was entrusted to Technical Committee EPL/66, Safety of measuring, control and laboratory equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 September 2015.

#### Amendments/corrigenda issued since publication

Date	Text affected
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## EUROPÄISCHE NORM

September 2015

ICS 19.080; 71.040.10

Supersedes EN 61010-2-040:2005

English Version

**Safety requirements for electrical equipment for measurement,  
control, and laboratory use - Part 2-040 Particular requirements  
for sterilizers and washer-disinfectors used to treat medical  
materials  
(IEC 61010-2-040:2015)**

Règles de sécurité pour appareils électriques de mesurage,  
de régulation et de laboratoire - Partie 2-040: Exigences  
particulières pour stérilisateurs et laveurs désinfecteurs  
utilisés pour traiter le matériel médical  
(IEC 61010-2-040:2015)

Sicherheitsbestimmungen für elektrische Mess-, Steuer-,  
Regel- und Laborgeräte - Teil 2-040: Besondere  
Anforderungen an Sterilisatoren und Reinigungs-  
Desinfektionsgeräte für die Behandlung medizinischen  
Materials  
(IEC 61010-2-040:2015)

This European Standard was approved by CENELEC on 2015-08-11. CENELEC 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-CENELEC Management Centre or to any CENELEC 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 CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

The text of document 66/570/FDIS, future edition 2 of IEC 61010-2-040, prepared by IEC/TC 66 "Safety of measuring, control and laboratory equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61010-2-040:2015.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-05-11
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-08-11

This document supersedes EN 61010-2-040:2005.

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

## Endorsement notice

The text of the International Standard IEC 61010-2-040:2015 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60079	NOTE	Harmonized in EN 60079 series.
IEC 60335-2-4	NOTE	Harmonized as EN 60335-2-4.
IEC 60335-2-5	NOTE	Harmonized as EN 60335-2-5.
IEC 60335-2-7	NOTE	Harmonized as EN 60335-2-7.
IEC 60335-2-11	NOTE	Harmonized as EN 60335-2-11.
IEC 60335-2-58	NOTE	Harmonized as EN 60335-2-58.
IEC 60601-1	NOTE	Harmonized as EN 60601-1.
IEC 60825-1	NOTE	Harmonized as EN 60825-1.
IEC 61010-2-010	NOTE	Harmonized as EN 61010-2-010.
IEC 61058	NOTE	Harmonized in EN 61058 series.
IEC 61672-1	NOTE	Harmonized as EN 61672-1.

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IEC 62061	NOTE	Harmonized as EN 62061.
IEC 62304	NOTE	Harmonized as EN 62304.
ISO 10472	NOTE	Harmonized in EN ISO 10472 series.
ISO 12100:2010	NOTE	Harmonized as EN ISO 12100:2010.
ISO 13849-2	NOTE	Harmonized as EN ISO 13849-2.
ISO 14971	NOTE	Harmonized as EN ISO 14971.

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(normative)

### Normative references to international publications with their corresponding European publications

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

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
<b><i>Addition to Annex ZA of EN 61010-1:2010:</i></b>				
IEC 61770	-	Electric appliances connected to the water mains - Avoidance of backsiphonage and failure of hose-sets	EN 61770	-
IEC 62471	-	Photobiological safety of lamps and lamp systems	EN 62471	-
IEC/TR 62471-2	-	Photobiological safety of lamps and lamp systems - Part 2: Guidance on manufacturing requirements relating to non-laser optical radiation safety	-	-
ISO 3585	-	Borosilicate glass 3.3 - Properties	-	-
ISO 4126-1	-	Safety devices for protection against excessive pressure - Part 1: Safety valves	EN ISO 4126-1	-
ISO 4126-2	-	Safety devices for protection against excessive pressure - Part 2: Bursting disc safety devices	EN ISO 4126-2	-

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