



NSAI
Standards

Irish Standard
I.S. EN 13150:2020

Workbenches for laboratories in educational institutions - Dimensions, safety and durability requirements and test methods

© CEN 2020 No copying without NSAI permission except as permitted by copyright law.

I.S. EN 13150:2020

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:

EN 13150:2020

Published:

2020-02-26

This document was published under the authority of the NSAI and comes into effect on:

2020-03-15

ICS number:

71.040.10

NOTE: If blank see CEN/CENELEC cover page

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

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 13150:2020 is the adopted Irish version of the European Document EN 13150:2020, Workbenches for laboratories in educational institutions - Dimensions, safety and durability requirements and test methods

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

For relationships with other publications refer to the NSAI web store.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This is a free 8 page sample. Access the full version online.

This page is intentionally left blank

English Version

Workbenches for laboratories in educational institutions - Dimensions, safety and durability requirements and test methods

Paillasses de laboratoire dans les établissements
d'enseignement - Dimensions, spécification de sécurité
et de durabilité et méthodes d'essai

Arbeitstische für Laboratorien in
Bildungseinrichtungen - Maße, Anforderungen an die
Sicherheit und Dauerhaltbarkeit und Prüfverfahren

This European Standard was approved by CEN on 27 October 2019.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	General test conditions	5
4.1	Preliminary preparation	5
4.2	Tolerances	5
4.3	Test installation	5
5	Dimensions	5
5.1	General	5
5.2	Heights	5
5.3	Depth of work surface	7
5.4	Service zone	7
6	Safety requirements	7
6.1	General	7
6.2	Stability	7
7	Strength and durability requirements	8
7.1	General	8
7.2	Sequence and parameters for safety testing	8
7.3	Sequence and parameters for durability testing	9
7.4	Surface reflection requirements	9
7.5	Requirements for storage components	9
8	Information for use	9
9	Marking and labelling requirements	9
10	Test report	10

European foreword

This document (EN 13150:2020) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

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 August 2020, and conflicting national standards shall be withdrawn at the latest by August 2020.

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

This document supersedes EN 13150:2001.

Compared to EN 13150:2001, the following modifications have been made:

- a) scope has been restricted to the workbenches in educational institutions;
- b) removal of Annex A (normative) containing detailed test methods;
- c) this document refers to other relevant EN standards such as EN 1730, EN 16122 for the applicable test methods;
- d) no terms and definitions are listed in this document;
- e) removal of Annex B (informative) containing optional durability tests. Durability test requirements are now in the main body of this document.

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

1 Scope

This document applies to workbenches, movable science tables and workbench shelves designed for use in educational institutions and similar laboratories. It does not apply to workbenches and working tables for industrial laboratories, institutes and universities or similar research institutions. It does not apply to fume cupboards.

This document specifies safety and durability requirements and test methods and gives dimensions.

Requirements and test methods related to the fire safety of workbenches and to the resistance of the work surface are not included in this document.

Requirements concerning electrical safety and media services (e.g. water, gas, wastewater, compressed air) are not included in this document.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 527-1:2011, *Office furniture — Work tables and desks — Part 1: Dimensions*

EN 1729-1:2015, *Furniture — Chairs and tables for educational institutions — Part 1: Functional dimensions*

EN 1730:2012, *Furniture — Tables — Test methods for the determination of stability, strength and durability*

EN 12600, *Glass in building — Pendulum test — Impact test method and classification for flat glass*

EN 13722, *Furniture — Assessment of the surface gloss*

EN 16121, *Non-domestic storage furniture — Requirements for safety, strength, durability and stability*

EN 16122:2012, *Domestic and non-domestic storage furniture — Test methods for the determination of strength, durability and stability*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

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

I.S. EN 13150 : 2020 : EN : COMBINED PDF

-
- ⏪ Looking for additional Standards? Visit SAI Global Infostore
 - ⏪ Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-

Need to speak with a Customer Service Representative - Contact Us