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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 13150:2020 sisaldab Euroopa standardi EN 13150:2020 ingliskeelset teksti.	This Estonian standard EVS-EN 13150:2020 consists of the English text of the European standard EN 13150:2020.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 26.02.2020.	Date of Availability of the European standard is 26.02.2020.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 71.040.10

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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
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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>