

**Mööbel. Haridusasutuste toolid ja lauad. Osa 2:
Ohutusnõuded ja katsemeetodid**

**Furniture - Chairs and tables for educational institutions
- Part 2: Safety requirements and test methods**

EESTI STANDARDI EESSÕNA

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English Version

**Furniture - Chairs and tables for educational institutions - Part 2:
Safety requirements and test methods**

Meubles - Chaises et tables pour les établissements
d'enseignement - Partie 2 : Exigences de sécurité et
méthodes d'essai

Möbel - Stühle und Tische für Bildungseinrichtungen - Teil
2: Sicherheitstechnische Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 9 December 2011.

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Foreword

This document (EN 1729-2:2012) 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of an identical text or by endorsement, at the latest by July 2012, and conflicting national standards shall be withdrawn at the latest by July 2012.

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 1729-2:2006.

EN 1729 consists of the following parts under the general title "*Furniture – Chairs and tables for educational institutions*":

- *Part 1: Functional dimensions;*
- *Part 2: Safety requirements and test methods.*

The main changes with respect to the previous edition are listed below:

- a) additional consideration of swivel chairs;
- b) additional consideration of chairs with arm rests;
- c) clarification of seat loading points and back loading points;
- d) amendment of some loads and forces;
- e) modification of Annex B (informative) "Test method for determination of stability of chairs placed on tabletops".

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1 Scope

This European Standard specifies safety requirements and test methods for chairs and tables for general educational purposes in educational institutions.

It applies to furniture for use with laptop computers or portable devices, but not to special purpose workstations, e.g. laboratories, ranked seating and workshops.

Annex A (normative) includes a test method for the drop test of chairs.

With the exception of Annex A, the figures illustrate test principles only and cannot be used to carry out the tests.

NOTE EN 1729-1 specifies functional dimensions and marking of chairs and tables for general educational purposes.

2 Normative references

The following referenced documents are indispensable for the application 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 1022:2005, *Domestic furniture – Seating – Determination of stability*

EN 1335-3:2009, *Office furniture – Office work chair – Part 3: Test methods*

EN 1728:2000, *Domestic furniture – Seating – Test methods for the determination of strength and durability*

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

EN 1730:2000, *Domestic furniture – Tables – Test methods for determination of strength, durability and stability*

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

EN 15373:2007, *Furniture – Strength, durability and safety – Requirements for non-domestic seating*

3 General test conditions

3.1 Testing ranges of chairs and tables

If chairs in a range of size marks are all manufactured with the same design details and geometry, it is only necessary to carry out the complete test programme on the highest size mark (including multi-size and height adjustable) in the range, plus additional stability tests on the smallest size mark in the range.

If tables in a range of size marks are all manufactured with the same design details and geometry, it is only necessary to carry out the complete test programme on the highest size mark in the range.

In the event of failure in any of the chairs/tables in the above test programme, it is necessary to carry out the complete test programme on each chair/table size mark individually.