

**Walking aids manipulated by both arms -
Requirements and test methods - Part 3:
Walking tables**

Walking aids manipulated by both arms -
Requirements and test methods - Part 3: Walking
tables

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 11199-3:2005 sisaldab Euroopa standardi EN ISO 11199-3:2005 ingliskeelset teksti. Käesolev dokument on jõustatud 30.05.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN ISO 11199-3:2005 consists of the English text of the European standard EN ISO 11199-3:2005. This document is endorsed on 30.05.2005 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
--	---

Käsitlusala: This part of ISO 11199 specifies requirements and methods of testing the static stability, braking capabilities, static strength and fatigue of walking tables without accessory equipment, unless specified in the particular test procedure. This part of ISO 11199 also gives requirements relating to safety, ergonomics and performance, marking, labelling and information supplied by the manufacturer.	Scope: This part of ISO 11199 specifies requirements and methods of testing the static stability, braking capabilities, static strength and fatigue of walking tables without accessory equipment, unless specified in the particular test procedure. This part of ISO 11199 also gives requirements relating to safety, ergonomics and performance, marking, labelling and information supplied by the manufacturer.
--	--

ICS 11.180.10

Võtmesõnad:

ICS 11.180.10

English version

Walking aids manipulated by both arms - Requirements and test methods - Part 3: Walking tables (ISO 11199-3:2005)

Aides à la marche manipulées avec les deux bras -
Exigences et méthodes d'essai - Partie 3: Tables de
marche (ISO 11199-3:2005)

Gehhilfen für beidarmige Handhabung - Anforderungen und
Prüfverfahren - Teil 3: Gehwagen (ISO 11199-3:2005)

This European Standard was approved by CEN on 15 March 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, 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

Foreword

This document (EN ISO 11199-3:2005) has been prepared by Technical Committee ISO/TC 173 "Technical systems and aids for disabled or handicapped persons" in collaboration with Technical Committee CEN/TC 293 "Technical aids for disabled persons", the secretariat of which is held by SIS.

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 October 2005, and conflicting national standards shall be withdrawn at the latest by October 2005.

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

Endorsement notice

The text of ISO 11199-3:2005 has been approved by CEN as EN ISO 11199-3:2005 without any modifications.

**Walking aids manipulated by both
arms — Requirements and test
methods —**

**Part 3:
Walking tables**

*Aides à la marche manipulées avec les deux bras — Exigences et
méthodes d'essai —*

Partie 3: Tables de marche



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2005

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword.....	iv
1 Scope.....	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements	9
4.1 Stability	9
4.2 Brakes	9
4.3 Mechanical durability.....	10
4.4 Manoeuvrability	10
4.5 Handgrip.....	10
4.6 Leg section and tip	10
4.7 Adjusting devices	11
4.8 Resting seat.....	11
4.9 Materials and finish.....	11
4.10 Marking and labelling	11
5 Test methods	11
5.1 General	11
5.2 Sampling, sequence of tests and inspection	12
5.3 Determination of dimensions and mass.....	12
5.4 Forward stability test	12
5.5 Backward stability test	13
5.6 Sideways stability test.....	14
5.7 Accessory equipment.....	15
5.8 Brake test.....	15
5.9 Resting seat test	17
5.10 Static strength test.....	17
5.11 Fatigue test	18
5.12 Final inspection.....	19
6 Information supplied by the manufacturer.....	19
6.1 General	19
6.2 Information marked on the product and/or accessories	20
6.3 Documentation	20
7 Test report.....	21
Annex A (informative) Supplementary information.....	22
Bibliography	24

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 11199-3 was prepared by Technical Committee ISO/TC 173, *Assistive products for persons with disability*.

ISO 11199 consists of the following parts, under the general title *Walking aids manipulated by both arms — Requirements and test methods*:

- *Part 1: Walking frames*
- *Part 2: Rollators*
- *Part 3: Walking tables*

Walking aids manipulated by both arms — Requirements and test methods —

Part 3: Walking tables

1 Scope

This part of ISO 11199 specifies requirements and methods of testing the static stability, braking capabilities, static strength and fatigue of walking tables without accessory equipment, unless specified in the particular test procedure. This part of ISO 11199 also gives requirements relating to safety, ergonomics and performance, marking, labelling and information supplied by the manufacturer.

This part of ISO 11199 includes all walking tables with three or more wheels or tips against the walking surface and having arm supports in the shape of a horizontal supporting table or two horizontal forearm supports.

The requirements and tests are based on everyday usage of walking tables as walking aids, for a maximum user mass as specified by the manufacturer. This part of ISO 11199 includes walking tables specified for a user mass of not less than 35 kg.

NOTE Recommendations further to the requirements given in this part of ISO 11199 are given in Annex A.

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.

ISO 9999:1998, *Technical aids for disabled persons — Classification*

ISO 10993-1, *Biological evaluation of medical devices — Part 1: Evaluation and testing*

EN 1041, *Information supplied by the manufacturer with medical devices*

EN 12182:1999, *Technical aids for disabled persons — General requirements and test methods*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

user

person for which the walking table is designed to aid mobility