

**Mitteinvasiivsed sfügmomanomeetrid. Osa 2:
Lisanõuded mehaanilistele sfügmomanomeetritele
KONSOLIDEERITUD TEKST**

Non-invasive sphygmomanometers - Part 2: Supplementary requirements for mechanical sphygmomanometers
CONSOLIDATED TEXT

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

Non-invasive sphygmomanometers - Part 2: Supplementary requirements for mechanical sphygmomanometers

Tensiomètres non invasifs - Partie 2: Exigences complémentaires concernant les tensiomètres mécaniques

Nichtinvasive Blutdruckmessgeräte - Teil 2: Ergänzende Anforderungen für mechanische Blutdruckmessgeräte

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 1060-2:1995+A1:2009) has been prepared by Technical Committee TC 205 "Non-active medical devices", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by May 2010, and conflicting national standards shall be withdrawn at the latest by May 2010.

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The start and finish of text introduced or altered by amendment is indicated in the text by tags **[A₁] [A₁]**.

The modifications of the related CEN Corrigendum have been implemented at the appropriate places in the text and are indicated by the tags **[AC] [AC]**.

[A₁] This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document. A₁

Annexes A, B and C are given for information and do not form normative parts of this European Standard.

Attention is drawn to annex A, concerning A-deviations.

This European Standard "Non-invasive sphygmomanometers" consists of the following parts:

Part 1: General requirements

Part 2: Supplementary requirements for mechanical sphygmomanometers

Part 3: Supplementary requirements for electro-mechanical blood pressure measuring systems (in course of preparation)

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

1 Scope

This part of EN 1060, in conjunction with EN 1060-1:1995, specifies performance, efficiency and mechanical and electrical safety requirements, including test methods, for non-invasive mechanical sphygmomanometers and their accessories which, by means of an inflatable cuff, are used for the non-invasive measurement of arterial blood pressure.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references subsequent amendments to, or revisions of, any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

A1 EN 980:2008, *Symbols for use in the labelling of medical devices* **A1**

EN 1060-1:1995, *Non-invasive sphygmomanometers – Part 1: General requirements*

3 Definitions

For the purposes of this Part of EN 1060, the definitions in EN 1060-1:1995 together with the following apply,

3.1
mechanical sphygmomanometer
sphygmomanometer which uses either a mercury or an aneroid manometer or other mechanical measuring device for the non-invasive measurement of the arterial blood pressure by means of an inflatable cuff

NOTE Components of these devices are manometer, cuff, valve for deflation (often in combination with rapid exhaust valve), hand pump or electro-mechanical pump and connection hoses. These devices may also contain electro-mechanical components for pressure control.

3.2
self-linearizing deflation valve
valve for controlled linearizing exhaust of the pneumatic system during measurement

3.3
rapid exhaust valve
valve for rapidly exhausting the pneumatic system

3.4
tamper proofing
means of preventing the user gaining easy access to the measuring mechanism of the device

4 Cuff

Clause 4 of EN 1060-1:1995 shall apply.

5 Display

Clause 5 of EN 1060-1:1995 shall apply.