
Volumetrične naprave, delujoče na bat - 1. del: Terminologija, splošne zahteve in priporočila za uporabnike (ISO 8655-1:2002)

Piston-operated volumetric apparatus - Part 1: Terminology, general requirements and user recommendations (ISO 8655-1:2002)

Volumenmessgeräte mit Hubkolben - Teil 1: Begriffe, allgemeine Anforderungen und Gebrauchsempfehlungen (ISO 8655-1:2002)

Appareils volumétriques a piston - Partie 1: Définitions, exigences générales et recommandations pour l'utilisateur (ISO 8655-1:2002)

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Ta slovenski standard je istoveten z: EN ISO 8655-1:2002

ICS:

01.040.17	Meroslovje in merjenje. Fizikalni pojavi (Slovarji)	Metrology and measurement. Physical phenomena (Vocabularies)
17.060	Merjenje prostornine, mase, gostote, viskoznosti	Measurement of volume, mass, density, viscosity
71.040.20	Laboratorijska posoda in aparati	Laboratory ware and related apparatus

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 8655-1

September 2002

ICS 01.040.17; 17.060

English version

**Piston-operated volumetric apparatus - Part 1: Terminology,
general requirements and user recommendations (ISO 8655-
1:2002)**

Appareils volumétriques à piston - Partie 1: Définitions,
exigences générales et recommandations pour l'utilisateur
(ISO 8655-1:2002)

Volumenmessgeräte mit Hubkolben - Teil 1: Begriffe,
allgemeine Anforderungen und Gebrauchsempfehlungen
(ISO 8655-1:2002)

This European Standard was approved by CEN on 13 July 2002.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 8655-1:2002 (E)**Foreword**

This document (ISO 8655-1:2002) has been prepared by Technical Committee ISO/TC 48 "Laboratory glassware and related apparatus" in collaboration with Technical Committee CEN/TC 332 "Laboratory equipment", 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 March 2003, and conflicting national standards shall be withdrawn at the latest by March 2003.

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

Endorsement notice

The text of the International Standard ISO 8655-1:2002 has been approved by CEN as a European Standard without any modifications.

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INTERNATIONAL STANDARD

ISO
8655-1

First edition
2002-09-15

Piston-operated volumetric apparatus — Part 1: Terminology, general requirements and user recommendations

*Appareils volumétriques à piston —
Partie 1: Définitions, exigences générales et recommandations pour
l'utilisateur*

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Reference number
ISO 8655-1:2002(E)

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Printed in Switzerland

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ISO 8655-1:2002(E)

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 3.

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 part of ISO 8655 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 8655-1 was prepared by Technical Committee ISO/TC 48, *Laboratory glassware and related apparatus*, Subcommittee SC 1, *Volumetric instruments*.

ISO 8655 consists of the following parts, under the general title *Piston-operated volumetric apparatus*:

- Part 1: Terminology, general requirements and user recommendations
- Part 2: Piston pipettes
- Part 3: Piston burettes
- Part 4: Dilutors
- Part 5: Dispensers
- Part 6: Gravimetric methods for the determination of measurement error

The following part is under preparation:

- Part 7: Non-gravimetric methods for the determination of measurement error

Annex A forms a normative part of this part of ISO 8655.

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Introduction

ISO 8655 addresses the needs of:

- suppliers, as a basis for quality control including, where appropriate, the issuance of supplier's declarations;
- test houses and other bodies, as a basis for independent certification;
- users of the equipment, to enable routine checking of accuracy.

The tests specified should be carried out by trained personnel.

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