

Australian Standard™

**Measuring cylinders—Plastics—
Graduated**



This Australian Standard was prepared by Committee CH-001, Laboratory Glassware and Related Apparatus. It was approved on behalf of the Council of Standards Australia on 13 October 2005.
This Standard was published on 2 November 2005.

The following are represented on Committee CH-001:

National Association of Testing Authorities Australia
National Measurement Institute
Royal Australian Chemical Institute
Royal College of Pathologists of Australasia
Science Industry Australia
University of New South Wales
University of Sydney

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This Standard was issued in draft form for comment as DR 05084.

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**Measuring cylinders—Plastics—
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Originated as AS 2770—1985.
Second edition 2005.

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Published by Standards Australia, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 6971 3

PREFACE

This Standard was prepared by the Standards Australia Committee CH-001, Laboratory Glassware and Related Apparatus, to supersede AS 2770—1985, *Measuring cylinders—Plastics—Graduated*.

Although the use of laboratory plasticsware is becoming more common, the Committee believes that the user has the responsibility of ensuring that the plastics cylinders are made of a material whose properties, especially chemical and thermal, do not interfere with the desired end use. This Standard thus only describes what are considered to be essential general requirements for such cylinders.

The objective of this revision is to reconfirm the Standard with minor changes including the following:

- (a) Referenced documents have been updated.
- (b) The Standard has been brought into line with the current editorial practices.

Detailed, simple tests have been provided to assist in the investigation of measuring cylinders claimed to comply with this Standard. It is hoped that these tests leave sufficient allowance for cylinders to be tested with any suitable apparatus that can be devised by the testing laboratory, but which complies with the essential requirements specified herein.

Glass measuring cylinders are covered in AS 2163, *Laboratory glassware—Measuring cylinders*.

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard.

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STANDARDS AUSTRALIA

Australian Standard
Measuring cylinders—Plastics—Graduated**1 SCOPE**

This Standard specifies requirements for a series of plastics measuring cylinders of capacities ranging from 10 mL to 4000 mL, each having a graduated volumetric scale and a pouring lip and of the typical design shown in Figure 1.

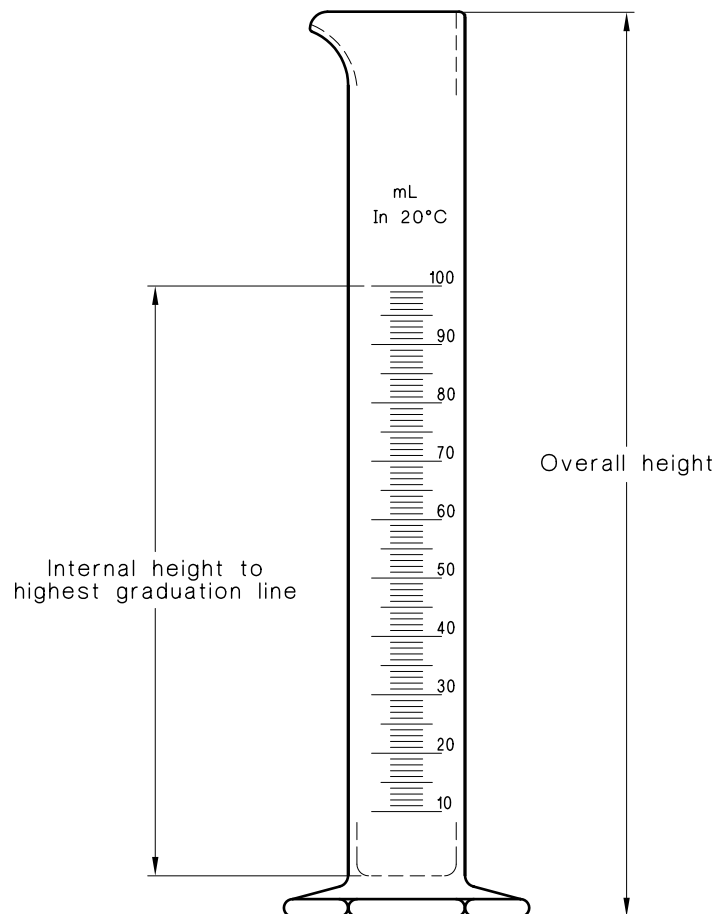


FIGURE 1 GENERAL APPEARANCE OF MEASURING CYLINDER

2 REFERENCED DOCUMENTS

The following reference document is referred to in this Standard.

AS 1199	Sampling procedures for inspection by attributes (series)
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