
Laboratory glassware — Desiccators

Verrerie de laboratoire — Dessiccateurs



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Foreword

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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 13130 was prepared by Technical Committee ISO/TC 48, *Laboratory equipment*, Subcommittee SC 6, *Glass and plastics ware including volumetric instruments*.

Laboratory glassware — Desiccators

1 Scope

This International Standard specifies requirements and tests for desiccators and vacuum desiccators intended for general laboratory purposes such as drying of substances or material.

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 383, *Laboratory glassware — Interchangeable conical ground joints*

ISO 718, *Laboratory glassware — Thermal shock and thermal shock endurance — Test methods*

ISO 3585, *Borosilicate glass 3.3 — Properties*

3 Types

Two types of desiccators are specified in this International Standard.

Type 1 – Vacuum desiccators

Type 2 – Non-vacuum desiccators

4 Nominal sizes and series

Desiccators shall have the following nominal sizes and dimensions.

Series A – Nominal sizes 100, 150, 200, 250 and 300 mm – Dimensions in accordance with Table 1

Series B – Nominal sizes 100, 110, 150, 160, 200, 250 and 300 mm – Dimensions in accordance with Table 2

5 Designation

Desiccators in accordance with this International Standard shall be designated by their nominal size followed by the type and the series.

Designation of a vacuum desiccator with nominal size of 200 mm, Type 1, Series B:

Desiccator ISO 13130 – 200 – 1B