

INTERNATIONAL STANDARD

ISO 4800

Second edition
1998-12-15

Laboratory glassware — Separating funnels and dropping funnels

Verrerie de laboratoire — Ampoules à décanter et ampoules à introduire



Reference number
ISO 4800:1998(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.

International Standard ISO 4800 was developed by Technical Committee ISO/TC 48, *Laboratory glassware and related apparatus*, Subcommittee SC 2, *General laboratory glassware (other than measuring)*.

This second edition cancels and replaces the first edition (ISO 4800:1977) by incorporating the following changes:

- a) dimensions and tolerances have been brought up to date;
- b) materials have been modified according to ISO 3585;
- c) separating funnels type 2 (pear-shaped) have been modified;
- d) separating funnels type 3 (Gilson type) have been cancelled.

A bibliography lists additional ISO standards for other general-purpose laboratory glassware.

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Introduction

Separating funnels are used in laboratories for liquid/liquid extractions and they are intended to facilitate the separation into layers of two immiscible liquids of different density.

Dropping funnels have a cylindrical body and are used for adding reagent solutions to a reaction vessel. They are, therefore, often provided with a ground cone at the bottom, for joining to vessels with conical ground necks.

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