

Washer-disinfectors for medical purposes —

Part 2: Specification for human waste container washer-disinfectors

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Laboratory Apparatus Standards Policy Committee (LBC/-) to Technical Committee LBC/35, upon which the following bodies were represented;

- Association of British Health Care Industries
- Association of National Health Service Supplies Officers
- Association of Sterilizer and Disinfector Equipment Manufacturers
- British Dental Trade Association
- Central Sterilising Club
- Department of Health
- Health and Safety Executive
- Infection Control Nurses Association
- Institute of Hospital Engineering
- Institute of Purchasing and Supply
- Institute of Sterile Services Management
- Joint Committee of Professional Nursing, Midwifery and Health Visiting Associations (England)
- Medical Sterile Products Association
- National Blood Transfusion Service
- Public Health Laboratory Service
- Regional Hospital Boards Engineers' Association
- Royal College of Pathologists
- Royal Pharmaceutical Society of Great Britain
- Society for General Microbiology
- Stainless Steel Fabricators' Association of Great Britain

The following bodies were also represented in the drafting of the standard, through a subcommittee:

- BLWA Ltd. (The Association of the Laboratory Supply Industry)
- Healthcare Sanitary Systems Association
- Hospital Infection Society
- National Health Service Regional Engineers' Association
- Water Research Centre

This British Standard, having been prepared under the direction of the Laboratory Apparatus Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 November 1993

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Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
1 Scope	1
2 References	1
3 Definitions	1
4 Water treatment and detergents	1
5 Doors and their controls	1
6 Process information	1
7 Instrumentation and controls	2
8 Venting, drainage and purging	2
9 Load handling and supports	2
10 Ductwork	2
11 Performance	2
12 Test documentation	3
13 Information to be supplied by the manufacturer at tender stage	3
14 Information to be supplied by the purchaser to the manufacturer	3
Annex A (normative) Test for fluid and water vapour emission	4
Annex B (normative) Test for drain seal integrity	4
Annex C (normative) Test for load contamination	4
Annex D (normative) Test for purging of the trap	5
Annex E (normative) Test for flushing of non-absorbent materials	5
Annex F (normative) Test for flushing of toilet tissues	6
Annex G (normative) Test for protection against blocked drain fault	6
Annex H (normative) Test for safety of manual emptying of containers	8
Annex J (normative) Test for soil removal	8
Annex K (normative) Test for thermal disinfection	9
Figure D.1 — Test rig for purging and flushing tests	7
List of references	Inside back cover

Foreword

It is recommended that this foreword be read in conjunction with the foreword to BS 2745-1.

This Part of BS 2745 has been prepared under the direction of the Laboratory Apparatus Standards Policy Committee. Together with Parts 1 and 3, it supersedes BS 2745:1966, which is withdrawn.

The first edition of BS 2745, which was published in 1956, with a second edition in 1966, applied to bedpan and urine bottle washers operating on a choice of any one of three specified washing sequences. However, in this revision, the structure of BS 2745 has been changed so that the general requirements applicable to all washer-disinfectors are now given in Part 1.

This Part includes details specific to equipment for emptying, cleaning and disinfecting containers used to hold human waste intended for disposal, such as:

- portable sanitary pans (see BS 2588);
- hospital holloware (see BS 5452);
- urine bottles (see BS 3215);
- suction bottles; and
- products similar to the above and used for similar types of purpose.

Requirements for washer-disinfectors for other medical purposes except linen are specified in Part 3 of this standard.

Washer-disinfectors for human waste containers are loaded manually. In order to reduce the risk of spillage and the generation of aerosols, most machines incorporate means to empty the containers automatically, e.g. by the action of closing the door. Where equipment does not provide automatic emptying facilities, extra care is needed by the user. However, in the case of urinals, it is common practice for them to be emptied during loading by the operator and most washer-disinfectors are designed for this procedure. When this is not acceptable, the purchaser should discuss possible alternative procedures with the manufacturer.

The efficacy of disinfection may be impaired if soil removal is incomplete before commencement of a disinfection process (see the foreword and clause 13 of BS 2745-1:1993). Manufacturers' literature should describe loading procedures designed to ensure effective cleaning of soiled surfaces (see clause 13).

The reliability of a washer-disinfector for human waste containers will be seriously affected if connected to a poorly designed drainage system, and the purchaser, therefore, is recommended to refer to BS 8301, a code of practice for building drainage.

Product certification. Users of this British Standard are advised to consider the desirability of third party certification of product conformity with this British Standard, based on testing and continuing product surveillance which may be coupled with assessment of a supplier's quality systems against the appropriate Part of BS 5750.

Enquiries as to the availability of third party certification schemes are forwarded by BSI to the Association of Certification Bodies. If a third party certification scheme does not already exist, users should consider approaching an appropriate body from the list of Association members.

Alternatively, users of this British Standard may wish to consider the desirability of assessment and registration of a supplier's quality systems against the appropriate Part of BS 5750 by a third party certification body.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

