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AS 2945(Int)

Interim Australian Standard™

**Batch-type washer/disinfectors for
health care facilities**

This Australian Standard was prepared by Committee ME-003, Sterilizing Equipment. It was approved on behalf of the Council of Standards Australia on 26 October 2001 and published on 9 January 2002.

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Australian Dental Association
Australian Dental Industry Association
Australian Health Industry
Australian Industry Group
Australian Stainless Steel Development Association
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Interim Australian Standard™

Batch-type washer/disinfectors for health care facilities

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PREFACE

This Interim Australian Standard was prepared by the Standards Australia Committee ME-003, Sterilizing Equipment, to supersede AS 2945—1998.

The objective of this Standard is to standardize the performance of washer/disinfectors used in health care facilities

The Scope of this edition has been extended to include multi-purpose type washer/disinfectors that are able to empty, flush and disinfect bed pans and urine bottles.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

Standards Australia invites comment on this Interim Standard from persons and organizations concerned with the subject of the Standard. The date of expiry of comment is two years after publication, at which time this Interim Australian Standard will be confirmed, withdrawn or revised in the light of public comment.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE.....	5
1.2 INNOVATION	5
1.3 REFERENCED DOCUMENTS.....	5
1.4 DEFINITIONS.....	7
SECTION 2 MATERIALS	
2.1 GENERAL.....	8
2.2 PANELS	8
2.3 FRAMEWORK.....	8
2.4 CHAMBERS AND DOORS.....	8
2.5 NOZZLES	8
2.6 PIPEWORK AND PIPE FITTINGS	8
2.7 VALVES	8
2.8 PUMPS	9
2.9 FANS.....	9
SECTION 3 DESIGN AND CONSTRUCTION	
3.1 ACCESSIBILITY	10
3.2 EXTERNAL PANELS.....	10
3.3 DRAINAGE	10
3.4 CHAMBER.....	10
3.5 LOAD-RETAINING DEVICES	10
3.6 DOORS.....	11
3.7 INTERNAL SURFACES.....	11
3.8 CHEMICAL DISPENSERS.....	11
3.9 STRAINERS.....	11
3.10 PIPEWORK AND PIPE FITTINGS	11
3.11 TRAP.....	12
3.12 FITTINGS	12
3.13 NOZZLES	12
3.14 VALVES	12
3.15 PUMPS.....	12
3.16 ELECTRICAL	12
3.17 NOISE	12
3.18 THERMAL INSULATION.....	12
3.19 HEATING SYSTEMS	13
3.20 DRYING SYSTEMS	13
3.21 EQUIPMENT ON THE FRONT PANEL	14
3.22 CONTROL EQUIPMENT	14
3.23 STAGE INDICATORS.....	14
3.24 TIMERS	15
3.25 TEMPERATURE CONTROLLERS.....	15
3.26 TEMPERATURE INDICATORS	16
3.27 PROCESS RECORDER	16
3.28 ELECTROMAGNETIC DISTURBANCE.....	16

	<i>Page</i>
SECTION 4 OPERATION	
4.1 POWER ON.....	17
4.2 STARTING-UP CYCLE.....	17
4.3 OPERATING CYCLE.....	17
SECTION 5 MARKING AND INFORMATION	
5.1 LANGUAGE	20
5.2 MARKING	20
5.3 TECHNICAL MANUAL.....	20
SECTION 6 TESTING	
6.1 OPERATING TEST	22
6.2 PERFORMANCE TESTING.....	22
6.3 COMMISSIONING TEST.....	23
6.4 DEMONSTRATION OF COMPLIANCE	23
APPENDICES	
A INFORMATION TO BE SUPPLIED WITH ENQUIRIES AND ORDERS	24
B STANDARDS FOR MACHINES THAT WASH, STERILIZE OR DRY MEDICAL EQUIPMENT IN HEALTH CARE FACILITIES.....	26
C SOIL REMOVAL TEST.....	27
D DRYNESS TEST.....	28
E LOAD TEMPERATURE TEST	29

STANDARDS AUSTRALIA

Interim Australian Standard Batch-type washer/disinfectors for health care facilities

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Interim Standard specifies requirements for batch-type washers and washer/disinfectors that accommodate, empty, flush, wash, disinfect by thermal means (if a disinfectant) and either partially or totally dry surgical instruments, utensils, human waste receptacles and anaesthetic equipment (including tubing) in health care facilities.

NOTES:

- 1 AS 2437 applies to machines that process only a single bed pan or not more than three urine bottles at the one time.
- 2 Machines complying with this Standard may be either single-purpose or multi-purpose types, and may be supplied either with or without a disinfecting stage or a drying stage. Many of the principles set out herein can be applied to larger machines such as trolley washing machines.
- 3 When operating multi-purpose types, care must be taken to ensure the correct cycle is selected.
- 4 Corrugated tubing and rebreathing bags may require additional drying. There is an inherent difficulty in drying these items, because of the tendency for droplets to remain in troughs of corrugations. The use of drying cabinets enables drying times of washer/disinfectors to be reduced, so that urgently needed equipment that is easily dried may be returned to service soon after it has dried without being subjected to the extended times that are required to dry corrugated tubing and rebreathing bags.
- 5 It is not intended that machines complying with this Standard treat single-use equipment, endoscopes, mechanical equipment or electrical components.
- 6 Guidance on information that should be supplied with enquiries and orders is given in Appendix A.
- 7 AS 4187 gives guidance on the use of washer/disinfectors.
- 8 Standards for machines that wash, sterilize or dry medical equipment in health care facilities are listed in Appendix B.

1.2 INNOVATION

Any use of new or unusual materials or methods to achieve the intent of this Standard is encouraged. Manufacturers employing innovative materials or methods shall show documented third-party proof that the innovation is not inferior to that of the intent of this Standard.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

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| 1081 | Acoustics—Measurement of airborne noise emitted by rotating electrical machinery |
| 1081.2 | Part 2: Survey method |
| 1192 | Electroplated coatings—Nickel and chromium |