

Australian Standard™

Ultrasonic cleaners for health care facilities

Part 2: Benchtop

This Australian Standard was prepared by Committee ME/3, Sterilizing Equipment. It was approved on behalf of the Council of Standards Australia on 10 September 1999 and published on 15 November 1999.

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Australian Chamber of Commerce and Industry
Australian Dental Association
Australian Dental Industry Association
Australian Industry Group
Australian Stainless Steel Development Association
Commonwealth Department of Health and Family Services
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PREFACE

This Standard was prepared by the Standards Australia Committee ME/3, Sterilizing Equipment.

The objective of this Standard is to provide manufacturers, users and regulators with a product specification that will meet community expectations for the performance and safety of the equipment.

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.

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STANDARDS AUSTRALIA

Australian Standard Ultrasonic cleaners for health care facilities

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for ultrasonic cleaners with a cleaning solution capacity of not more than 30 L, which are bench mounted and intended to clean reusable medical and surgical equipment used in health care facilities.

NOTES:

- 1 Some ultrasonic cleaners are specifically designed for the cleaning of cannulated equipment. Where the machine is to be used to clean fibre optics or other specialized equipment, the manufacturer of that equipment should be consulted for advice as to its suitability for the ultrasonic cleaning process.
- 2 Guidance on information that should be supplied with enquiries and orders is given in Appendix A.
- 3 Guidance on the use of ultrasonic cleaners is given in Appendix B.
- 4 Standards for machines that wash, sterilize or dry medical equipment in health care facilities are listed in Appendix C.

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	
1192	Electroplated coatings—Nickel and chromium
1449	Wrought alloy steels—Stainless and heat-resisting steel plate, sheet and strip
1939	Degrees of protection provided by enclosures for electrical equipment (IP Code)
2243	Safety in laboratories
2243.5	Part 5: Non-ionizing radiations
3142	Approval and test specification—Electric water heaters
4187	Cleaning, disinfecting and sterilizing reusable medical and surgical instruments and equipment, and maintenance of associated environments in health care facilities



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