Australian Standard™

Ultrasonic cleaners for health care facilities

Part 2: Benchtop
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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
- Department of Human Services (Victoria)
- Health Department of W.A.
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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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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