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AS 3200.2.3—1992
IEC 601-2-3:1992

Australian Standard®

Approval and test specification—Medical electrical equipment

Part 2.3: Particular requirements for safety—Short-wave therapy equipment

[IEC title: Medical electrical equipment—Part2: Particular requirements for the safety of short-wave therapy equipment]

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The following interests are represented on Committee HT/16:

Australian College of Rehabilitation Medicine
Australian Dental Association
Australian Physiotherapy Association
Confederation of Australian Industry
Department of Health, Housing and Community Services
Department of Health, N.S.W.
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AS 3200.2.3—1992

Australian Standard®

Approval and test specification—Medical electrical equipment

Part 2.3: Particular requirements for safety—Short-wave therapy equipment

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PREFACE

This Standard has been prepared on behalf of the Standards Australia Multi-technics Board to supersede AS 3209—1986, *Approval and test specification—Short-wave therapy equipment*. The Standard is technically identical to IEC 601.2.3(1991), *Medical electrical equipment*, Part 2: *Particular requirements for the safety of short-wave therapy equipment*.

This Standard is one of a series of Approval and Test Specifications issued by Standards Australia for individual items of medical electrical equipment. The Standard is supplementary to AS 3200.1—1990, *Approval and test specification—Medical electrical equipment*, Part 1: *General requirements for safety*. Only safety matters and closely aligned conditions are covered by this series. In some instances, however, these are more stringent than for most electrical appliances because of the additional requirements necessary to ensure the safety of the patient, and because of the environmental conditions, e.g. high humidity and hazardous locations, in which some equipment is likely to be used.

The International Standard IEC 601.2.3 modifies and supplements the corresponding clauses of IEC 601.1 (1988), *Medical electrical equipment*, Part 1: *General requirements for safety*, second edition. The second edition has been adopted as the Australian Standard AS 3200.1—1990, *Approval and test specification—Medical electrical equipment*, Part 1: *General requirements for safety*, hereinafter referred to as the General Standard.

The clauses of this Particular Standard supplement or modify the corresponding clauses in AS 3200.1—1990. As stated in Clause 1.3 of AS 3200.1—1990, the requirements of a Particular Standard take priority, where appropriate, over those of AS 3200.1—1990. Where the reference in the text of this Standard indicates an 'amendment', 'addition' or 'replacement' of the relevant requirements, tests or explanatory notes of AS 3200.1—1990, these changes are made to the relevant text which then becomes part of the Standard.

Sub-clauses and figures which are additional to the General Standard are numbered starting from 101; additional appendices are indicated by a sequence of double capitals e.g., AA), BB), . . . and additional items are denoted by an aa), bb), . . . sequence.

To accommodate Australian conditions and well-accepted safety practices, where the Australian requirements differ from the IEC specifications a marginal bar is placed alongside the altered IEC text, and Appendix ZZ details the rationale for the deviations.

In the text of this Standard, the following print types are used:

- Requirements, compliance with which can be tested and definitions . . . . . in roman type.
- Explanations, advice, introductions, general statements, exceptions and references . . . . . in smaller roman type.
- Test specifications . . . . . *in italic type*.
- Terms used throughout the Standard, which have been defined in Clause 2 and which are also in the index . . . . . IN SMALL CAPITALS.
- An asterisk is located prior to each clause for which rationale is included in Appendix AA.

For the purposes of this Standard replace references to other publications with references to Australian Standards as follows:

References to International Standards		*Australian Standard*	
CISPR		AS	
Publication 11	Limits and methods of measurement of radio interference characteristics of industrial, scientific and medical (ISM) radio-frequency equipment (excluding surgical diathermy apparatus)	2064	Electromagnetic interference—Industrial, scientific and medical (ISM) radiofrequency equipment— Limits and methods of measurement

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