

AS 2488—1995

Australian Standard[®]

**Resuscitators intended for use
with humans**

This Australian Standard was prepared by Committee HT/5, Resuscitators and Ventilators. It was approved on behalf of the Council of Standards Australia on 17 October 1994 and published on 5 January 1995.

The following interests are represented on Committee HT/5:

Australasian College for Emergency Medicine
Australian and New Zealand College of Anaesthetists
Australian Chamber of Commerce and Industry
Australian College of Paediatrics
Australian Red Cross Society
Australian Resuscitation Council
Commonwealth Department of Human Services and Health
Department of Health and Community Services, Vic.
Department of Mineral Resources, N.S.W.
Medical Industry Association of Australia
Metal Trades Industry Association of Australia
Royal Australian College of General Practitioners
Royal Life Saving Society—Australia
St John Ambulance, Australia
Surf Life Saving Association of Australia

Review of Australian Standards. *To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.*

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

This Standard was issued in draft form for comment as DR 93053.

AS 2488—1995

Australian Standard[®]

**Resuscitators intended for use
with humans**

First published as AS 2488—1981.
Second edition 1995.

Incorporating:
Amdt 1—1996

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 9396 2

PREFACE

This Standard was prepared by the Standards Australia Committee HT/5 on Resuscitators and Ventilators, under the direction of the Multitechnics Standards Policy Board, to supersede AS 2488—1981, *Resuscitators, resuscitator containers and resuscitator kits*.

The objective of this Standard is to provide the user with a safe and effective resuscitator which can be operated in different environments.

The Clauses of this Standard supplement or modify the corresponding Clauses in ISO 8382—1988, *Resuscitators intended for use with humans*. Whilst this Standard closely follows ISO 8382, some of the requirements of that publication have been modified to take account of local conditions.

Where this Standard deviates technically from ISO 8382 by way of additional or different requirements, the deviation is indicated by a rule in the margin against the affected Clause, or the relevant part thereof. Minor changes are not indicated. An Annex to the Standard lists the variations from ISO 8382.

This Australian Standard follows the Clause numbering of ISO 8382, with the exception of the definitions Clause, which in this document is in alphabetical order. Throughout this Standard, where the requirements or Notes of ISO 8382 do not apply at all, such deviations are denoted by the words 'not used'.

The principal differences between the 1981 edition and this edition are as follows:

- (a) Requirements for ventilation performance have been changed.
- (b) Removal of the requirement for a pressure-limiting device in resuscitators intended for patients over 10 kg body mass, except for gas-powered resuscitators.
- (c) A change in the maximum inspiratory flow of gases in gas-powered resuscitators.
- (d) Requirements for performance after mechanical shock have been included.
- (e) Requirements for performance after immersion in water have been included.

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.

© Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

CONTENTS

	<i>Page</i>
FOREWORD	4
1 SCOPE	5
2 REFERENCED DOCUMENTS	5
3 DEFINITIONS	5
4 SYMBOLS	7
5 CONNECTORS	7
6 OPERATIONAL REQUIREMENTS	8
7 PHYSICAL REQUIREMENTS	9
8 PERFORMANCE	9
9 RESISTANCE TO ENVIRONMENT	13
10 GAS SUPPLY	13
11 INFORMATION TO BE SUPPLIED BY THE MANUFACTURER	14
12 SUCTION SYSTEM	16
APPENDICES	
A TEST METHODS	17
B COMPLIANCES AND RESISTANCES REQUIRED TO SET UP TEST LUNG	29
C RATIONALE STATEMENT	30
D MATERIALS	34
E FACE MASK DESIGN	35
ANNEX	36

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-