

AS/NZS 2496:1995

Australian/New Zealand Standard

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**Breathing attachments for  
anaesthetic purposes for  
human use**

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee HT/7, Anaesthetic Equipment and Medical Breathing Machines. It was approved on behalf of the Council of Standards Australia on 19 January 1995 and on behalf of the Council of Standards New Zealand on 12 December 1994. It was published on 5 June 1995.

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The following interests are represented on Committee HT/7:

Auckland Healthcare  
Australian and New Zealand College of Anaesthetists  
Australian Chamber of Commerce and Industry  
Australian Society of Anaesthetists  
Commonwealth Department of Human Services and Health (Australia)  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee HT/7 on Anaesthetic Equipment and Medical Breathing Machines, to supersede AS 2496—1981.

In the preparation of this Standard, account was taken of ISO 5356-1, *Anaesthetic and respiratory equipment—Conical connectors—Part 1: Cones and sockets*, and ISO 5356-2, *Anaesthetic and respiratory equipment—Conical connectors—Part 2: Screw-threaded weight bearing connectors*.

The objective of this Standard is to provide users of breathing attachments with fittings that are non-interchangeable and less prone to misconnection and disconnection.

The Standard differs from ISO 5356-1 and ISO 5356-2 in that the reservoir bag connection is a male fitting at the machine end in contrast to the ISO Standards which specify a female fitting. This change has been instituted to minimize mis-connection with the breathing system. In addition, this Standard specifies colour coding for hoses in the breathing system, and a connection sequence for scavenging.

The principal differences between the 1981 edition of AS 2496 and this edition are as follows:

- (a) Requirements are given for 19 mm connectors.
- (b) Fittings and sequence for scavenging are specified.

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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