

Third edition
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Anaesthetic and respiratory equipment — Conical connectors —

Part 2: Screw-threaded weight-bearing connectors

*Matériel d'anesthésie et de réanimation respiratoire — Raccords
coniques —*

Partie 2: Raccords à vis pouvant supporter un certain poids



Reference number
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Foreword

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ISO 5356-2 was prepared by Technical Committee ISO/TC 121, *Anaesthetic and respiratory equipment*, Subcommittee SC 1, *Breathing attachments and anaesthetic machines*.

This third edition cancels and replaces the second edition (ISO 5356-2:2006), which has been revised by rewording the scope and by incorporating minor editorial modifications.

ISO 5356 consists of the following parts, under the general title *Anaesthetic and respiratory equipment — Conical connectors*:

- *Part 1: Cones and sockets*
- *Part 2: Screw-threaded weight-bearing connectors*

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Introduction

Whereas the conical connectors specified in ISO 5356-1 are satisfactory for lightweight breathing attachments, there is also a need for more substantial connectors to support heavy or fragile components. Factors governing the design of these connectors include robustness, simplicity, ease of sterilization and ease of engagement and disengagement by hand. They should also be compatible with connectors meeting the requirements specified in ISO 5356-1 and should, if possible, eliminate the likelihood of inadvertent misconnection, although it has to remain the responsibility of the user to check that any system in which they are used is correctly assembled before use.

Screw-threaded weight-bearing connectors specified in this part of ISO 5356 can be used for attachments within the breathing system and at the common gas outlet.