International Standard

ISO 19223-3

First edition
2025-09

Lung ventilators and related equipment — Vocabulary and semantics —

Part 3: Respiratory care

Reference number
ISO 19223-3:2025(en)

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Published in Switzerland

Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
3.1 General terms 1
3.2 Respiratory high-flow therapy equipment terminology 3
3.3 Sleep apnoea breathing therapy equipment terminology 3
3.4 Respiratory therapy masks and accessories terminology 8
3.5 Neonatal respiratory therapy equipment terminology 10
Bibliography **12**
Index **13**

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Foreword

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This document was prepared by Technical Committee ISO/TC 121, *Anaesthetic and respiratory equipment,* Subcommittee SC 4, *Vocabulary and semantics.*

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Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

After publication of ISO 19223:2019 and ISO 4135:2022 (5th ed.), it was recognized that these new standards did not adequately address vocabulary and semantics for high-frequency and jet lung ventilation and some aspects of respiratory therapy equipment. Therefore, specialized vocabularies have been developed as additional parts of the ISO 19223 series. The second edition of ISO 19223 is intended to be subsequently published as ISO 19223-1. A standard for high-frequency and jet ventilation terminology has been published as ISO 19223-2:2025. This document addresses terminology for high-flow respiratory therapy, sleep apnoea breathing therapy, as well as other aspects of respiratory care.

Included with many of the terms are notes to entry that provide supplementary information, including explanations of the semantics of the terms along with their classification schemes.

Some of the terms in this document are principally intended for technical documents, informatics and related applications, and might have little applicability to *ventilator* labelling and instructions for use.

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Lung ventilators and related equipment — Vocabulary and semantics —

Part 3: Respiratory care

1 Scope

This document defines terms for respiratory care.

This document is applicable:

— in *respiratory high-flow therapy equipment* standards;

— in *sleep apnoea breathing therapy equipment* standards;

— in *sleep apnoea breathing therapy masks* and accessories standards;

— in *ventilatory support* equipment standards;

— in health informatics standards;

— for labelling on *medical electrical equipment* and *medical electrical systems;*

— in *medical electrical equipment* and *medical electrical system* instructions for use and accompanying documents;

— for *medical electrical equipment* and *medical electrical systems* interoperability;

— in electronic health records.

This document excludes *mechanical ventilation* (defined in ISO 19223:2019), *high-frequency* and *jet ventilation* (defined in ISO 19223-2:2025), negative pressure ventilation, liquid ventilation, and extracorporeal membrane oxygenation.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1 General terms

3.1.1
co-therapy
inhalational therapy using a short-acting bronchodilator medication as needed, ancillary to, or in combination with a long-acting bronchodilator drug

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