



INTERNATIONAL STANDARD ISO 8185:1997
TECHNICAL CORRIGENDUM 1

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Humidifiers for medical use — General requirements for humidification systems

TECHNICAL CORRIGENDUM 1

Humidificateurs médicaux — Exigences générales relatives aux systèmes d'humidification

RECTIFICATIF TECHNIQUE 1

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Technical Corrigendum 1 to International Standard ISO 8185:1997 was prepared by Technical Committee ISO/TC 121, *Anaesthetic and respiratory equipment*, Subcommittee SC 3, *Lung ventilators and related equipment*.

[ISO 8185:1997/Cor 1:2001](https://standards.iteh.ai/catalog/standards/sist/f4e26b08-3b08-4bde-a8fd-a8b9b6a7ed73/iso-8185-1997-cor-1-2001)

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Section 10

56.3 Connections – General

Section 56.3 is not intended to exclude the use of 22 mm connections for humidifiers for paediatric use. Thus, the second sentence should be modified to read as follows:

“If intended for adult use, a 22 mm connector shall be provided.”

Delete the word “should” from the middle of the next paragraph, to read

“...tubes which comply with ISO 5367, ...”

Annex O

The formula for “vapour pressure, p_v ,” contains an inappropriately placed parenthesis which results in incorrect calculations.

Replace the existing formula with the following corrected formula:

$$p_v = 10^{30,59051 - 8,2\log(T_h) + 2,4804 \times 10^{-3} \times T_h - \left(\frac{3142,31}{T_h}\right)} \text{ [kPa]}$$

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