INTERNATIONAL STANDARD

ISO 8835-2

Third edition 2007-08-15

Inhalational anaesthesia systems —

Part 2:

Anaesthetic breathing systems

Systèmes d'anesthésie par inhalation —

Partie 2: Systèmes respiratoires d'anesthésie



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Forewo	ord	١
Introductionvi		
* 1	Scope	. 1
2	Normative references	. 1
3	Terms and definitions	2
4	General	3
4.1	Materials	
4.2 4.3	Anaesthetic breathing system component packaging Electrical requirements	
4.4	Alternative test methods	
5	Connection ports	4
5.1	Patient connection port	
5.2 5.3	Y-Piece	
5.3 5.4	Exhaust connection portInterchangeable non-rebreathing exhaust valves	4
* 5.5	Reservoir bag connection port	
5.6	Anaesthetic ventilator connection port	
5.7 * 5.0	Connection ports of interchangeable anaesthetic breathing system components	5
* 5.8	Inspiratory and expiratory connection ports of an interchangeable circle absorber assembly	
5.9	Other connection ports	
6	Reservoir bag/anaesthetic ventilator selector switch	Ę
_	-	
7	Complete anaesthetic breathing system either supplied assembled or assembled in	
_	accordance with the manufacturer's instructions	Ę
* 7.1	accordance with the manufacturer's instructions Leakage	ţ
* 7.1 * 7.2	accordance with the manufacturer's instructions	6
* 7.1 * 7.2	Leakage Inspiratory and expiratory pressure/flow characteristics Interchangeable anaesthetic breathing system components — Exhaust valves	. 6
* 7.1 * 7.2 8 8.1	Leakage	. 6
* 7.1 * 7.2	accordance with the manufacturer's instructions Leakage	6
* 7.1 * 7.2 8 8.1 8.2	Leakage	6
* 7.1 * 7.2 8 8.1 8.2 8.3	accordance with the manufacturer's instructions Leakage	5 6 6 6 6 6 6
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9	accordance with the manufacturer's instructions Leakage	
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9 9.1	accordance with the manufacturer's instructions Leakage	
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9 9.1 9.2 9.3	accordance with the manufacturer's instructions Leakage	
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9 9.1 9.2 9.3 9.4	accordance with the manufacturer's instructions Leakage Inspiratory and expiratory pressure/flow characteristics Interchangeable anaesthetic breathing system components — Exhaust valves Direction of movement of controls Pressure/flow characteristics Opening pressure Leakage Circle absorber assemblies Construction Absorbent bypass mechanism Pressure/flow characteristics Inspiratory and expiratory valves	5 6 6 6 7 7 7 7 7
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9 9.1 9.2 9.3 9.4	accordance with the manufacturer's instructions Leakage	5 6 6 6 6 7 7 7 8
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9 9.1 9.2 9.3 9.4	accordance with the manufacturer's instructions Leakage	
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9 9.1 9.2 9.3 9.4 10 10.1	accordance with the manufacturer's instructions Leakage	5 6 6 6 6 7 7 7 8 8 8 8
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9 9.1 9.2 9.3 9.4 10 10.1 10.2 * 11	accordance with the manufacturer's instructions Leakage	5 6 6 6 6 6 7 7 7 8 8 8 8
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9 9.1 9.2 9.3 9.4 10 10.1 10.2	accordance with the manufacturer's instructions Leakage	5 6 6 6 6 6 7 7 7 8 8 8 8
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9 9.1 9.2 9.3 9.4 10 10.1 10.2 * 11	accordance with the manufacturer's instructions Leakage	6 6 6 6 6 6 7 7 7 7 8 8 8 8 8 8 8 8 8 8
* 7.1 * 7.2 8 8.1 8.2 8.3 8.4 9 9.1 9.2 9.3 9.4 10 10.1 10.2 * 11	accordance with the manufacturer's instructions Leakage	6 6 6 6 6 6 7 7 7 7 8 8 8 8 8 8 8 8 8 8