

# DIN EN ISO 8835-3:2007-11 (E)

## Inhalational anaesthesia systems - Part 3: Transfer and receiving systems of active anaesthetic gas scavenging systems (ISO 8835-3:2007)

---

<b>Contents</b>	<b>Page</b>
* 1 4.1 4.2 4.3 * 5 5.1 5.2 * 6 * 7 7.1 7.2 * 8 8.1 8.2 8.3 8.4 8.5 8.6 9.1 9.2 10 * 11 * 13 Annex A (informative) Typical test arrangement and method for pressure measurement at inlet to Annex B (informative) Typical test arrangement and method for sub-atmospheric pressure Introduction .....	4
Scope .....	5
Normative references .....	5
Terms and definitions .....	6
Foreword .....	3
General requirements and alternative test methods .....	8
Means of pressure relief .....	8
Patient and environmental protection .....	8
Materials 8	
Alternative test methods .....	8
Normal operating conditions .....	8
Connectors .....	9
Inlet of transfer systems .....	9
Single fault conditions .....	9
Transfer systems .....	9
Outlet of transfer systems .....	10
Receiving systems .....	10
Inlet of receiving systems .....	10
Visual indicator .....	11
General .....	10
Outlet of receiving systems .....	11
Particle filter .....	11
Receiving hoses .....	11
Low-flow transfer and receiving systems .....	11

<b>Electrical requirements .....</b>	<b>12</b>
<b>Extract flow resistance .....</b>	<b>11</b>
<b>High-flow transfer and receiving systems .....</b>	<b>11</b>
<b>Information to be supplied by the manufacturer .....</b>	<b>12</b>
<b>Colour coding .....</b>	<b>12</b>
<b>Marking .....</b>	<b>12</b>
<b>limitation 17</b>	
<b>Annex D (informative) Typical test arrangement and method for resistance to extract flow .....</b>	<b>19</b>
<b>Annex C (informative) Typical test arrangement and method for testing of induced flow .....</b>	<b>18</b>
<b>AGSS .....</b>	<b>13</b>
<b>Annex E (informative) Typical test arrangement and method for spillage .....</b>	<b>21</b>
<b>Annex F (informative) Rationale .....</b>	<b>24</b>
<b>Annex G (informative) Environmental aspects .....</b>	<b>26</b>
<b>Bibliography .....</b>	<b>27</b>
<b>Annex ZA (informative) Relationship between this standard and the Essential Requirements of EU Directive 93/42/EEC .....</b>	<b>28</b>