

Anaesthetic reservoir bags

The European Standard EN 1820 : 1997 has the status of a
British Standard

ICS 11.040.10

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee CH/45, Tracheal tubes and related equipment, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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This British Standard, having been prepared under the direction of the Health and Safety Sector Board, was published under the authority of the Standards Board and comes into effect on 15 September 1997

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English version

Anaesthetic reservoir bags

Ballons réservoirs d'anesthésie

Anästhesie-Reservoirbeutel

This European Standard was approved by CEN on 1997-01-27. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 215, Respiratory and anaesthetic equipment, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 1997, and conflicting national standards shall be withdrawn at the latest by June 1998.

This European Standard has been prepared under a mandate given to CEN by the Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directives, see informative annex ZA, which is an integral part of this standard.

This European Standard is based on the standard ISO 5362 ‘Anaesthetic reservoir bags’ and differs from ISO 5362 primarily in that it contains methods of tests for leakage and for security of attachment of the necks of reservoir bags with 22 mm conical connectors.

This European Standard also differs from ISO 5362 in that the maximum pressure used in annex E for the pressure/volume test has been increased to 6,0 kPa (60 cm H₂O). This is in line with current manufacturing practices of some manufacturers within Europe. It has traditionally been the view of the ISO Technical Committee responsible for ISO 5362 that the previous figure of 5,0 kPa (50 cm H₂O) represented the maximum safe pressure that should be allowed in the event of an obstruction in the breathing system which prevents the release of expired gases.

Annexes A, B, C, D and E are normative and form part of this European Standard. Annexes F, G and ZA are for information only.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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