

Medical electrical equipment —

Part 2: Particular requirements for safety —

Section 2.6 Specification for microwave therapy equipment —

(Implementation of CENELEC HD 395.2.6)

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Health Care Standards Committee (HCC/-) to Technical Committee LEL/103, upon which the following bodies were represented:

- Bath Institute of Medical Engineering
- Biological Engineering Society
- British Institute of Radiology
- British Medical Association
- British Surgical Trades Association Incorporated
- College of Radiographers
- Department of Health and Social Security
- Department of Trade and Industry (National Physical Laboratory)
- Electro Medical Trade Association Limited
- GAMBICA (BEAMA Ltd.)
- Hospital Physicists' Association
- Institute of Hospital Engineering
- Intensive Care Society
- Medical Sterile Products Association
- Ministry of Defence
- National Radiological Protection Board
- Royal College of Physicians of London
- Royal College of Surgeons of England
- Scottish Health Services

The following bodies were also represented in the drafting of the standard, through sub-committees and panels:

- Association of X-ray Equipment Manufacturers (BEAMA Ltd.)
- British Association for Rheumatology and Rehabilitation
- British Cardiac Society
- British Dental Trade Association
- Chartered Society of Physiotherapy
- Institute of Medical Laboratory Sciences
- Institution of Electronic and Radio Engineers
- Royal Society of Medicine

This British Standard, having been prepared under the direction of the Health Care Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 May 1985

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National foreword

This British Standard has been prepared under the direction of the Health Care Standards Committee. It is identical with IEC Publication 601-2-6 “*Medical electrical equipment*” Part 2 “*Particular requirements for the safety of microwave therapy equipment*”, published in 1984 by the International Electrotechnical Commission (IEC). This Particular Standard amends and supplements BS 5724-1 hereinafter called the General Standard. As stated in 1.3 of the General Standard, the requirements of this Particular Standard take precedence over those of the General Standard. This Section of BS 5724 is also in agreement with Harmonization Document HD 395.2.6, published by the European Committee for Electrotechnical Standardization (CENELEC).

As in the General Standard, the requirements are followed by compliance tests. The numbers of the sections and clauses in this standard refer to the related sections and clauses in the General Standard. Clauses, subclauses or figures that are additional to those of the General Standard are numbered starting from 101; additional appendices are lettered AA, BB, etc., and additional items aa), bb), etc. The changes from the text of the General Standard are specified by the use of the following words.

- “Replacement” means that the clause, sub-clause or specified paragraph of the General Standard is replaced by the text of this standard.
- “Amendment” means that the clause, sub-clause or specified paragraph of the General Standard is amended as indicated by the text of this standard.
- “Addition” means that the text of this standard is additional to the requirements of the General Standard.

A rationale for the most important requirements is given in Appendix AA. It is considered that a knowledge of the reasons for the requirements will not only facilitate the proper application of the standard, but will expedite any subsequent revision. This appendix does not form part of the standard.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards. In particular the following print types are used.

- Requirements, compliance with which can be tested, and definitions: in roman type.
- Explanations, advice, general statements, exceptions and references: in small roman type.
- Test specifications: in italic type.
- Terms defined in clause 2 of the General Standard and this Particular Standard: small capitals.

Cross-reference

International Standard	Corresponding British Standard
IEC 601-1:1977	BS 5724 <i>Medical electrical equipment</i> Part 1:1979 <i>Specification for general safety requirements</i> (Technically equivalent)

There is no corresponding British Standard to CISPR Publication 11. The Technical Committee has reviewed the provisions of CISPR Publication 11, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.