

Generic Specifications: Magnetrons

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 136000:2003 sisaldab Euroopa standardi EN 136000:1992 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 05.02.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 136000:2003 consists of the English text of the European standard EN 136000:1992.</p> <p>This document is endorsed on 05.02.2003 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This document relates to pulsed and cw magnetrons</p>	<p>Scope: This document relates to pulsed and cw magnetrons</p>
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Võtmesõnad: electronic equ, measuring techniques, microwave tubes, quality, quality assessment, quality assessment procedures, quality assessment systems, quality assurance progra, quality assurance systems, specification (approval), specifications, standardization, testing

UDC:

Descriptors: Quality, electronic components, magnetrons

English version

Generic Specification:
Magnetrons

Spécification Générique:
Magnétrons

Fachgrundspezifikation:
Magnetrons

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 14 January 1992. The text of this standard consists of the text of CECC 36 000 Issue 1 1977 of the corresponding CECC Specification. CENELEC members are bound to comply with CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the General Secretariat of the CECC or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CECC General Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and United Kingdom. The membership of the CECC is identical, with the exception of the national electrotechnical committees of Greece, Iceland and Luxembourg.

CECC

CENELEC Electronic Components Committee

Comité des Composants Electroniques du CENELEC

CENELEC Komitee für Bauelemente der Elektronik

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FOREWORD

The CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby accepted by all member countries without further testing.

This document has been formally approved by the CECC, and has been prepared for those member countries taking part in the System who wish to issue national harmonized specifications for MAGNETRONS. It should be read in conjunction with document CECC 00 100: Basic Rules (1974).

At the date of printing of this document, the member countries of the CECC are Belgium, Denmark, Germany, France, Ireland, Italy, the Netherlands, Norway, Sweden, Switzerland and the United Kingdom, and copies of it can be obtained from the National Committees of the CENELEC in these countries.

PREFACE

This generic specification was prepared by CECC Working Group 13: Microwave Tubes".

In accordance with the requirements of document CECC 00 100 it is based, wherever possible, on the Recommendations of the International Electrotechnical Commission and in particular on IEC Publication 235: Measurement of the electrical properties of microwave tubes.

The text of this specification was circulated to the CECC for voting in the documents below and was formally approved by the CECC for printing as a CECC Specification.

<u>Document</u>	<u>Voting date</u>
CECC(Secretariat)318	10 April 1975
CECC(Secretariat)432	27 December 1975
CECC(Secretariat)483	1 July 1976

This specification will be supplemented by blank detail specifications specific to each sub-family of magnetrons.

SECTION 1 - SCOPE

This document relates to pulsed and cw magnetrons.

SECTION 2 - GENERAL

2.1 Order of precedence

Where any discrepancies occur for any reason, documents shall rank in the following order of authority:

- the detail specification
- the generic specification
- the rules of procedure of document CECC 00 100 or any other international (for example IEC) documents to which reference is made.

NOTE: The same order of precedence shall apply to equivalent national documents.

2.2 Related documents

ISO 1000	(1973)	SI units and recommendations for the use of their multiples and of certain other units.
IEC 27		Letter symbols to be used in electrical technology.
-1	(1971)	Part 1. General.
-1A	(1976)	First supplement to Publication 27-1 (1971).
IEC 50	-	International Electrotechnical Vocabulary.
IEC 68	-	Basic environmental testing procedures. (See CECC 00 006.)
IEC 117	-	Recommended graphical symbols.
IEC 134	(1961)	Rating systems for electronic tubes and valves and analogous semiconductor devices.
IEC 151		Measurements of the electrical properties of electronic tubes.
-1	(1963)	Part 1. Measurement of electrode current.
-2	(1963)	Part 2. Measurement of heater or filament current.
-13	(1966)	Part 13. Methods of measurement of emission current from hot cathodes for high-vacuum electronic tubes and valves.
-15	(1967)	Part 15. Methods of measurement of spurious and unwanted electrode currents.

IEC 235		Measurement of the electrical properties of microwave tubes.
-1	(1972)	Part 1. Terminology.
-1A	(1975)	First supplement to Publication 235-1 (1972).
-2	(1972)	Part 2. General measurements.
-2A	(1974)	First supplement to Publication 235-2 (1972).
-2B	(1975)	Second supplement to Publication 235-2 (1972).
-2C	(1976)	Third supplement to Publication 235-2 (1972).
-2D	(1976)	Fourth supplement to Publication 235-2 (1972).
-4	(1972)	Part 4. Magnetrons.
-4A	(1975)	First supplement to Publication 235-4 (1972).
IEC 410	(1973)	Sampling plans and procedures for inspection by attributes. (See CECC 00 007.)
CECC 00 100	(1974)	Basic Rules.
CECC 00 107	(1974)	RP 7 : Quality assessment procedures.
CECC 00 006	(1973)	Basic specification: Environmental test procedures.
CECC 00 007	(1973)	Basic specification: Sampling plans and procedures for inspection by attributes.

2.3 Units, symbols and terminology

Units, graphical symbols, letter symbols and terminology shall, whenever possible, be taken from the following documents:

ISO	1000	SI units and recommendations for the use of their multiples and certain other units.
IEC 27		Letter symbols to be used in electrical technology.
IEC 50		International Electrotechnical Vocabulary.
IEC 117		Recommended graphical symbols
IEC 235-1		Measurement of the electrical properties of microwave tubes: Terminology

Where further units, symbols and terminology are required they shall be derived in accordance with the principles of the documents listed above.