

SLOVENSKI STANDARD

SIST EN 61262-4:1995

01-maj-1995

Medical electrical equipment - Characteristics of electro optical X ray image intensifiers - Part 4: Determination of the image distortion (IEC 1262-4:1994)

Medical electrical equipment - Characteristics of electro-optical X-ray image intensifiers -- Part 4: Determination of the image distortion

Medizinische elektrische Geräte - Merkmale von elektronenoptischen Röntgenbildverstärkern -- Teil 4: Bestimmung der Bildverzerrung

Appareils électromédicaux - Caractéristiques des intensificateurs électro-optiques d'image radiologique -- Partie 4: Détermination de la distorsion d'image

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Ta slovenski standard je istoveten z: EN 61262-4:1994

ICS:

11.040.50	Radiografska oprema	Radiographic equipment
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en

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EUROPEAN STANDARD

EN 61262-4

NORME EUROPEENNE

EUROPÄISCHE NORM

September 1994

ICS 11.040.50

Supersedes HD 515 S1:1989

Descriptors: Medical electrical equipment, image intensifier, X-ray,
distortion

ENGLISH VERSION

Medical electrical equipment - Characteristics of
electro-optical X-ray image intensifiers
Part 4: Determination of the image distortion
(IEC 1262-4:1994)

Appareils électromédicaux
Caractéristiques des
intensificateurs
électro-optiques d'image
radiologique
Partie 4: Détermination de la
distorsion d'image
(CEI 1262-4:1994)

Medizinische elektrische
Geräte - Merkmale von
elektronenoptischen
Röntgenbildverstärkern
Teil 4: Bestimmung der
Bildverzeichnung
(IEC 1262-4:1994)

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This European Standard was approved by CENELEC on 1994-07-05.

CENELEC 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat 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 Central 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.

CENELEC

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

Central Secretariat: rue de Stassart 35, B-1050 Brussels

FOREWORD

The text of document 62B(CO)115, as prepared by Sub-Committee 62B: Diagnostic imaging equipment, of IEC Technical Committee 62: Electrical equipment in medical practice, was submitted to the IEC-CENELEC parallel vote in January 1994.

The reference document was approved by CENELEC as EN 61262-4 on 5 July 1994.

This European Standard replaces HD 515 S1:1989.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1995-07-01
- latest date of withdrawal of
conflicting national standards (dow) 1995-07-01

For products which have complied with HD 515 S1:1989 before 1995-07-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2000-07-01.

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Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given only for information.

In this standard, annex A is informative and annex ZA is normative.

ENDORSEMENT NOTICE

The text of the International Standard IEC 1262-4:1994 was approved by CENELEC as a European Standard without any modification.

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

NOTE.: When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

IEC Publication	Date	Title	EN/HD	Date
788	1984	Medical radiology - Terminology	HD 501 S1	1988

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC
1262-4**

Première édition
First edition
1994-07

**Appareils électromédicaux —
Caractéristiques des intensificateurs
électro-optiques d'image radiologique —**

Partie 4:

**Détermination de la distorsion d'image
(standards.iteh.ai)**

**Medical electrical equipment —
Characteristics of electro-optical
X-ray image intensifiers —**

Part 4:

Determination of the image distortion

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

MEDICAL ELECTRICAL EQUIPMENT –

CHARACTERISTICS OF ELECTRO-OPTICAL
X-RAY IMAGE INTENSIFIERS –

Part 4: Determination of the image distortion

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic field. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

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International Standard IEC 1262-4 has been prepared by sub-committee 62B: Diagnostic imaging equipment, of IEC technical committee 62: Electrical equipment in medical practice.

It forms the first edition of IEC 1262-4 and replaces IEC 858: 1986.

The text of this standard is based on the following documents:

DIS	Report on voting
62B(CO)115	62B(CO)127

Full information on the voting for approval of this standard can be found in the Report on voting indicated in the above table.

Annex A is for information only.

In this standard, the following print types are used:

- Requirements, compliance with which can be tested, and definitions: in roman type.
- Explanations, advice, introductions, general statements, and exceptions: in smaller type.
- *Test specifications: in italic type.*
- TERMS USED THROUGHOUT THIS STANDARD WHICH HAVE BEEN DEFINED IN 3.1 AND IN ANNEX A: SMALL CAPITALS.