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**Photography — Medical
radiographic cassettes/screens/films
and hard-copy imaging films —
Dimensions and specifications**

ICS 11.040.50;37.040.25

Reference number : JIS Z 4905 : 2005 (E)

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Health, Labour and Welfare and the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Industries Association of Radiological Systems (JIRA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently JIS Z 4905 : 1998 (revised) and JIS Z 4912 : 1992 (withdrawn and integrated) are replaced with this Standard.

In order to conform to the International Standard, this revision has been prepared based on ISO 4090 : 2001-08-15 Third edition (*Photography—Medical radiographic cassettes/screens/films and hard-copy imaging films — Dimensions and specifications*).

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Photography—Medical radiographic cassettes/screens/films and hard-copy imaging films—Dimensions and specifications

Introduction This Japanese Industrial Standard has been prepared based on the third edition of ISO 4090 *Photography—Medical radiographic cassettes/screens/films and hard-copy imaging films—Dimensions and specifications* published in August, 2001 with some modifications of the technical contents.

The portions underlined with dots are the matters in which the contents of the original International Standard have been modified. A list of modifications with the explanations is given in annex 1(informative).

1 Scope This Standard specifies the nominal sizes, aim dimensions with tolerances, weights, and certain tests for medical radiographic cassettes (hereafter referred to as “cassettes”), screens, and films.

Remarks : The International Standard corresponding to this Standard is as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and JIS are IDT(identical), MOD(modified), and NEQ(not equivalent) according to ISO/IEC Guide 21.

ISO 4090 : 2001 *Photography—Medical radiographic cassettes/screens/films and hard-copy imaging films—Dimensions and specifications*
(MOD)

2 Normative references The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. If the indication of the year of publication is given to these referred standards, only the edition of indicated year constitutes the provision of this Standard but the revision and amendment made thereafter do not apply.

ISO 554 : 1976 *Standard atmospheres for conditioning and/or testing—Specifications*

IEC 61267 : 1994 *Medical diagnostic X-ray equipment—Radiation conditions for use in the determination of characteristics*

3 Terms and definitions For the purposes of this Standard, the following terms and definitions apply.

3.1 preferred mammography sizes current industry standard, reflecting modern industry trends

NOTE : Aim and tolerance dimensions are different for preferred sizes versus recognized sizes.