

TECHNICAL REPORT

IEC TR 61948-1

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2001-02

Nuclear medicine instrumentation – Routine tests –

Part 1: Radiation counting systems

*Instrumentation en médecine nucléaire –
Essais de routine –*

*Partie 1:
Systèmes compteurs de rayonnement*

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Withdrawing

INTERNATIONAL ELECTROTECHNICAL COMMISSION

NUCLEAR MEDICINE INSTRUMENTATION – ROUTINE TESTS –

Part 1: Radiation counting systems

FOREWORD

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IEC 61948-1, which is a technical report, has been prepared by subcommittee 62C: Equipment for radiotherapy, nuclear medicine and radiation dosimetry, of IEC technical committee 62: Electrical equipment in medical practice.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
62C/255/CDV	62C/265A/RVC

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

In this technical report the following print types are used:

- requirements, compliance with which can be tested, and definitions: in roman type;
- notes, explanations, advice, introductions, general statements, exceptions and references: in smaller roman type;
- *test specifications: in italic type;*
- TERMS DEFINED IN CLAUSE 3 OF THIS TECHNICAL REPORT OR LISTED IN ANNEX A: SMALL CAPITALS.

The requirements are followed by specifications for the relevant tests.

The committee has decided that the contents of this publication will remain unchanged until 2005. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

This document, which is purely informative, is not to be regarded as an International Standard.

Withdrawn

NUCLEAR MEDICINE INSTRUMENTATION – ROUTINE TESTS –

Part 1: Radiation counting systems

1 Scope and object

This technical report describes test methods of counting instruments for measuring RADIONUCLIDES *in vivo* and *in vitro* without the option of imaging. ACTIVITY meters (dose calibrators) are excluded.

2 Reference documents

IEC 60788:1984, *Medical radiology – Terminology*

IEC 61145:1992, *Calibration and usage of ionization chamber systems for assay of radionuclides*

IEC 61303:1994, *Medical electrical equipment – Radionuclide calibrators – Particular methods for describing performance*

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