

STN	Jednoučelové rádionuklidové zobrazovacie prístroje Charakteristiky a skúšobné podmienky Časť 1: Jednofotónová emisná výpočtová tomografia (SPECT) srdca	STN EN IEC 63073-1 36 4767
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Dedicated radionuclide imaging devices - Characteristics and test conditions - Part 1: Cardiac SPECT

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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**Dedicated radionuclide imaging devices - Characteristics and test conditions - Part 1: Cardiac SPECT
(IEC 63073-1:2020)**

Dispositifs d'imagerie par radionucléides dédiés -
Caractéristiques et conditions d'essai - Partie 1: SPECT
pour scintigraphie cardiaque
(IEC 63073-1:2020)

Spezielle Radionuklid-Bildgebungsgeräte - Merkmale und
Prüfbedingungen - Teil 1: Kardiale SPECT
(IEC 63073-1:2020)

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EN IEC 63073-1:2020 (E)**European foreword**

The text of document 62C/740/CDV, future edition 1 of IEC 63073-1, prepared by SC 62C "Equipment for radiotherapy, nuclear medicine and radiation dosimetry" of IEC/TC 62 "Electrical equipment in medical practice" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63073-1:2020.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61675-2	2015	Radionuclide imaging devices - Characteristics and test conditions - Part 2: Gamma cameras for planar, wholebody, and SPECT imaging	EN 61675-2	2015



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NORME INTERNATIONALE



**Dedicated radionuclide imaging devices – Characteristics and test conditions –
Part 1: Cardiac SPECT**

**Dispositifs d'imagerie par radionucléides dédiés – Caractéristiques et
conditions d'essai –
Partie 1: SPECT pour scintigraphie cardiaque**





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INTERNATIONAL STANDARD

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Part 1: Cardiac SPECT**

**Dispositifs d'imagerie par radionucléides dédiés – Caractéristiques et
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CHARACTERISTICS AND TEST CONDITIONS –****Part 1: Cardiac SPECT****FOREWORD**

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International Standard IEC 63073-1 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 document is based on the following documents:

CDV	Report on voting
62C/740/CDV	62C/765/RVC

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INTRODUCTION

The test methods specified in this part of IEC 63073 have been selected to reflect as much as possible the clinical use of GAMMA CAMERAS that are dedicated to cardiac SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT). It is intended that the test methods are carried out by manufacturers thereby enabling them to describe the characteristics of the systems on a common basis.

DEDICATED RADIONUCLIDE IMAGING DEVICES – CHARACTERISTICS AND TEST CONDITIONS –

Part 1: Cardiac SPECT

1 Scope

This document specifies terminology and test methods for describing the characteristics of SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) systems designed specifically for tomographic cardiac imaging. This includes dedicated systems or general purpose systems with dedicated sub-systems which are not included in the scope of IEC 61675-2.

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