

AS/NZS IEC 60336:2022  
IEC 60336:2020



Australian/New Zealand Standard™

# Medical electrical equipment — X-ray tube assemblies for medical diagnosis — Focal spot dimensions and related characteristics



## AS/NZS IEC 60336:2022

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee HE-003, Medical Electrical Equipment. It was approved on behalf of the Council of Standards Australia on 7 April 2022 and by the New Zealand Standards Approval Board on 4 May 2022.

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This Standard was issued in draft form for comment as DR AS/NZS IEC 60336:2022.

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Originated as AS/NZS 4274:1995.  
Revised and redesignated as AS/NZS IEC 60336:2022.



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## Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee HE-003, Medical Electrical Equipment, to supersede AS/NZS 4274:1995, *X-ray tube assemblies for medical diagnosis—Characteristics of focal spots*.

The objective of this document is to describe the test methods employing digital detectors for determining —

- (a) focal spot dimensions in terms of nominal focal spot values, ranging from 0.1 to 3.0;
- (b) line spread functions;
- (c) cone-dimensional modulation transfer functions;
- (d) focal spot pinhole radiograms; and
- (e) the means for indicating conformance.

This document applies to focal spots in medical diagnostic X-ray tube assemblies for medical use, operating at X-ray tube voltages up to and including 150 kV.

This document is identical with, and has been reproduced from, IEC 60336:2020, *Medical electrical equipment — X-ray tube assemblies for medical diagnosis — Focal spot dimensions and related characteristics*.

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