



# UL 61010-2-101

## STANDARD FOR

Safety Requirements for Electrical  
Equipment for Measurement, Control  
and Laboratory Use – Part 2-101:  
Particular Requirements for In Vitro  
Diagnostic (IVD) Medical Equipment



UL Standard for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-101: Particular Requirements for In Vitro Diagnostic (IVD) Medical Equipment, UL 61010-2-101

Third Edition, Dated July 31, 2019

### **Summary of Topics**

***This revision of ANSI/UL 61010-2-101 dated December 7, 2023 is being issued to update the title page to reflect the most recent designation as a Reaffirmed American National Standard (ANS). No technical changes have been made.***

***UL 61010-2-101 is an adoption of IEC 61010-2-101, Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-101: Particular Requirements for In Vitro Diagnostic (IVD) Medical Equipment (third edition, issued by IEC October 2018) as an IEC-based UL standard with No US Differences.***

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The requirements are substantially in accordance with Proposal(s) on this subject dated October 20, 2023.

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**JULY 31, 2019**  
(Title Page Reprinted: December 7, 2023)



**ANSI/UL 61010-2-101-2019 (R2023)**

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## **UL 61010-2-101**

### **Standard for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-101: Particular Requirements for In Vitro Diagnostic (IVD) Medical Equipment**

Second Edition – August 2015

**Third Edition**

**July 31, 2019**

This ANSI/UL Standard for Safety consists of the Third Edition including revisions through December 7, 2023.

The most recent designation of ANSI/UL 61010-2-101 as a Reaffirmed American National Standard (ANS) occurred on December 7, 2023. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or Preface. The IEC Foreword is also excluded from the ANSI approval of IEC-based standards.

Comments or proposals for revisions on any part of the Standard may be submitted to ULSE at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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## Preface

This UL Standard is based on IEC Publication 61010-2-101: third edition, Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-101: Particular Requirements for In Vitro Diagnostic (IVD) Medical Equipment. IEC publication 61010-2-101 is copyrighted by the IEC.

Efforts have been made to synchronize the UL edition number with that of the corresponding IEC standard with which this standard is harmonized. As a result, one or more UL edition numbers have been skipped to match that of the IEC edition number.

This UL Standard 61010-2-101 Standard for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-101: Particular Requirements for In Vitro Diagnostic (IVD) Medical Equipment, is to be used in conjunction with the third edition of UL 61010-1. The requirements for control equipment are contained in this Part 2 Standard and UL 61010-1.

Requirements of this Part 2 Standard, where stated, amend the requirements of UL 61010-1.

Where a particular subclause of UL 61010-1 is not mentioned in UL 61010-2-101, the UL 61010-1 subclause applies.

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Note – Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.