
**Road vehicles — Temperature
measurement in anthropomorphic
test devices — Definition of the
temperature sensor locations**

*Véhicules routiers — Mesure de la température dans les dispositifs
d'essai anthropomorphes — Définitions des positions des capteurs de
température*

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 36, *Safety and impact testing*.

This second edition cancels and replaces the first edition (ISO/TR 27957:2008), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the addition of [Annexes D](#) to [G](#) to include temperature positions for multiple devices.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document proposes the number and the arrangement of the temperature measuring points in anthropomorphic test devices (ATDs). The proposal is based on several studies and is intended to ensure that the temperature of the ATD is in accordance with the temperature corridor prescribed by the applied test procedure.

The temperature sensitivity of ATD components has long been recognized. All ATDs used for testing in accordance with current test procedures have prescribed temperature ranges for certification and testing. However, the procedure for verifying ATD temperature can vary from one testing facility to another. To improve the comparability of test data between laboratories, it is considered necessary to define a single practice for the measurement of ATD temperature.

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