



# SLOVENSKI STANDARD SIST EN ISO 9012:2024

01-marec-2024

Nadomešča:  
SIST EN ISO 9012:2011

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**Oprema za plamensko varjenje - Ročni gorilniki z vsesavanjem zraka - Popisi in preskusi (ISO 9012:2023)**

Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests (ISO 9012:2023)

Gasschweißgeräte - Handbrenner für angesaugte Luft - Anforderungen und Prüfungen (ISO 9012:2023)

Équipement de soudage aux gaz - Chalumeaux manuels aéro-gaz à air aspiré - Spécifications et essais (ISO 9012:2023)

**Ta slovenski standard je istoveten z: EN ISO 9012:2023**

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**ICS:**

25.160.30      Varilna oprema      Welding equipment

**SIST EN ISO 9012:2024**      en,fr,de



EUROPEAN STANDARD

EN ISO 9012

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2023

ICS 25.160.30

Supersedes EN ISO 9012:2011

English Version

## Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests (ISO 9012:2023)

Équipement de soudage aux gaz - Chalumeaux manuels  
aéro-gaz à air aspiré - Spécifications et essais (ISO  
9012:2023)

Gasschweißgeräte - Handbrenner für angesaugte Luft -  
Anforderungen und Prüfungen (ISO 9012:2023)

This European Standard was approved by CEN on 28 April 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (EN ISO 9012:2023) has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" in collaboration with Technical Committee CEN/TC 121 "Welding and allied processes" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2024, and conflicting national standards shall be withdrawn at the latest by April 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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# INTERNATIONAL STANDARD

# ISO 9012

Fourth edition  
2023-10

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## Gas welding equipment — Air- aspirated hand blowpipes — Specifications and tests

*Équipement de soudage aux gaz — Chalumeaux manuels aéro-gaz à  
air aspiré — Spécifications et essais*

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## ISO 9012:2023(E)

### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 document 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](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 8, *Equipment for gas welding, cutting and allied processes*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding and allied processes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 9012:2008), which has been technically revised.

The main changes are as follows:

- entries [3.4](#) and [3.5](#) added;
- in [Clause 4](#), the “types of aspiration” in [Figures 2](#) to [4](#) rearranged and [Table 1](#) revised;
- in [5.1.3](#), text revised and NOTES 1 and 2 added;
- in [6.5](#), ISO/TR 28821 referred to instead of the withdrawn ISO 3253;
- in [6.6](#), NOTES 1 and 2 added because there are cases where airtightness cannot be obtained even if the adjustment of air inlet (item 12) is set to the closed position;
- in [6.9](#), requirements added;
- in [7.1](#), the accuracy of gas pressure and flow rate measuring equipment from [7.7](#) added;
- in [7.6](#), the number of cycles for the life cycle test changed from 5 000 cycles to 1 500 cycles;
- in the Bibliography, ISO/TR 28821 referred to instead of the withdrawn ISO 3253.