



SLOVENSKI STANDARD
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Nepremična oprema za vadbo - 7. del: Oprema za veslanje, dodatne posebne varnostne zahteve in preskusne metode (ISO/DIS 20957-7:2019)

Stationary training equipment - Part 7: Rowing equipment, additional specific safety requirements and test methods (ISO/DIS 20957-7:2019)

Stationäre Trainingsgeräte - Teil 7: Rudergeräte, zusätzliche besondere sicherheitstechnische Anforderungen und Prüfverfahren (ISO/DIS 20957-7:2019)

Équipement d'entraînement fixe - Partie 7: Rameurs, exigences spécifiques de sécurité et méthodes d'essai supplémentaires (ISO/DIS 20957-7:2019)

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ICS:

97.220.30 Oprema za dvoranske športe Indoor sports equipment

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Stationary training equipment —

Part 7:

Rowing equipment, additional specific safety requirements and test methods

*Équipement d'entraînement fixe —**Partie 7: Rameurs — Exigences spécifiques de sécurité et méthodes d'essai supplémentaires*

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ISO/DIS 20957-7:2019(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 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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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html. (standards.iteh.ai)

ISO 20957-7 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 136, Sports, playground and other recreational facilities and equipment, in collaboration with ISO Technical Committee ISO/TC 83, Sports and other recreational facilities and equipment, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 20957-7:2005), which has been technically revised.

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

- the formulation has been aligned to ISO 20957-1;
- Explanations to the subclauses of [6.1](#) were added;
- In [Clause 6.7](#) Endurance testing the resistance system is treated separately;
- [Clause 6.9](#) Testing of additional requirements for class A was updated, requirements on display/power accuracy testing were added;
- [Clause 7](#) Test report was added;

A list of all parts in the ISO 20957- series can be found on the ISO website.

Introduction

This part of ISO 20957 concerns the safety of rowing equipment.

This part of ISO 20957 amends and supplements ISO 20957-1. The requirements of this specific standard take precedence over those in the general standard.

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Stationary training equipment —

Part 7:

Rowing equipment, additional specific safety requirements and test methods

1 Scope

This part of ISO 20957 specifies safety requirements for rowing equipment in addition to the general safety requirements of ISO 20957-1 and should be read in conjunction with it.

This part of ISO 20957 is applicable to rowing type stationary training equipment, hereinafter referred to as rowing equipment, within the classes H, S and I as well as classes A, B and C regarding accuracy.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 71-1, *Safety of toys — Mechanical and physical properties*

ISO 20957-1:2013, *Stationary training equipment — Part 1: General safety requirements and test methods*

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3 Terms and definitions

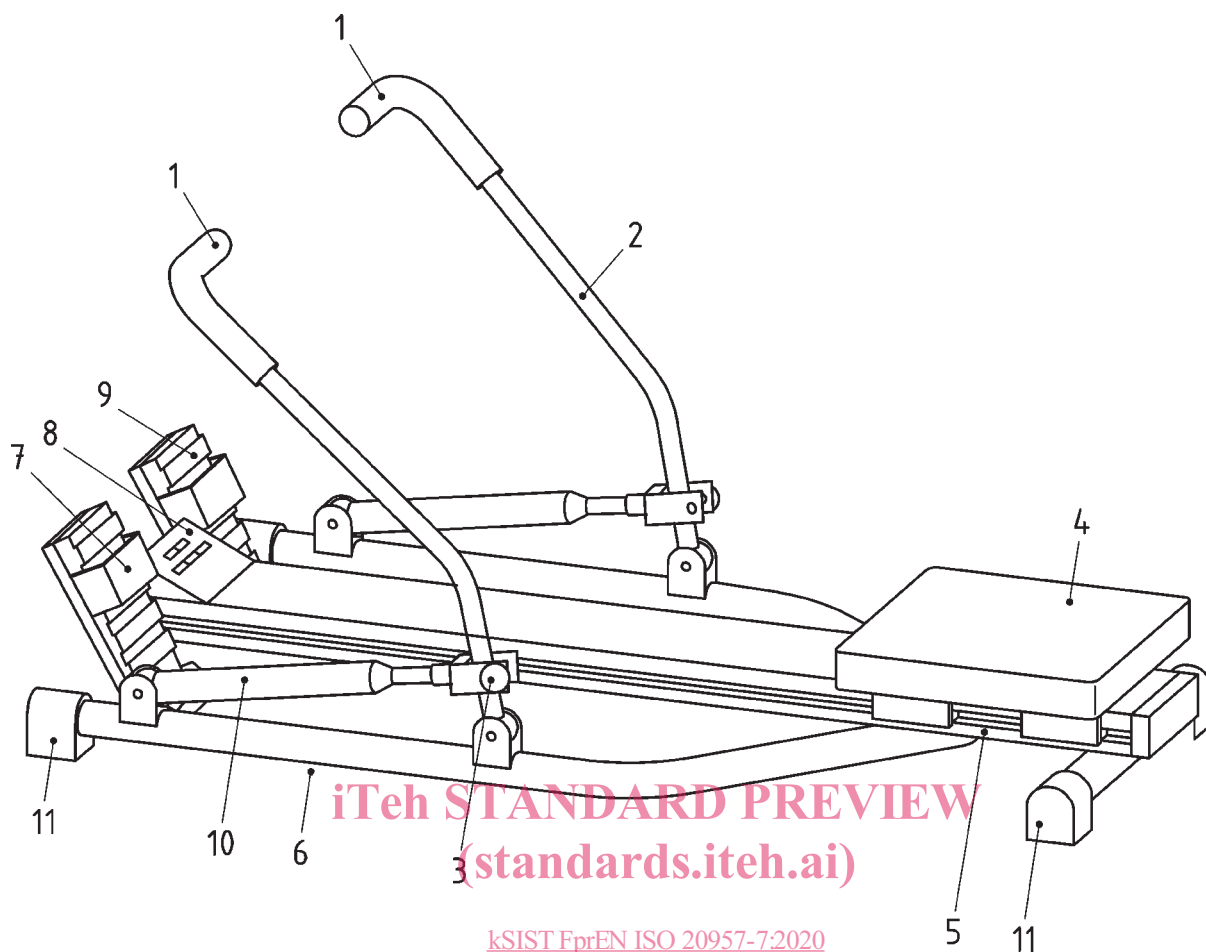
For the purposes of this document, the terms and definitions given in ISO 20957-1 and the following apply.

3.1

rowing equipment

stationary training equipment with a moving seat simulating a rowing like motion

Note 1 to entry: See Figures 1 to 2.



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Key

- | | | | |
|---|-----------------------|----|----------------------------|
| 1 | hand grip | 7 | foot-strap |
| 2 | rower arm | 8 | display |
| 3 | resistance adjustment | 9 | foot support |
| 4 | seat | 10 | hydraulic/pneumatic piston |
| 5 | rail | 11 | base support |
| 6 | frame | | |

Figure 1 — Example of rowing equipment with hydraulic/pneumatic system