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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 17498.7-2008

Replacing GB 17498.7-2008

**Indoor stationary training equipment - Part 7: Rowing
equipment - Additional specific safety requirements and test
methods**

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1.Structure and Drafting Rules of Standardization Documents".

Drafting.

This document is Part 7 of GB/T 17498 "Indoor Fixed Fitness Equipment". GB/T 17498 has already published the following parts.

- Part 1.General safety requirements and test methods;
- Part 2.Additional Special Safety Requirements and Test Methods for Strength Training Equipment;
- Part 4.Additional Special Safety Requirements and Test Methods for Strength Training Benches;
- Part 5.Additional special safety requirements and test methods for stationary exercise bikes and upper limb crank exercise equipment;
- Part 6.Additional Special Safety Requirements and Test Methods for Treadmills;
- Part 7.Additional Special Safety Requirements and Test Methods for Rowing Machines;
- Part 8.Additional special safety requirements and test methods for steppers, stair climbers and climbing machines;
- Part 9.Additional Special Safety Requirements and Test Methods for Elliptical Trainers;
- Part 10.Additional special safety requirements and test methods for exercise bikes with fixed wheels or without flywheels.

This document replaces GB 17498.7-2008 "Fixed Fitness Equipment - Part 7.Additional Special Safety Requirements and Testing"

Compared with GB 17498.7-2008, the main technical changes in the "Test Methods" are as

follows, except for structural adjustments and editorial modifications.

- The scope has been changed (see Chapter 1, Chapter 1 of the.2008 edition);
- The illustration of a double-oared rowing machine has been removed (see section 3.1 of the.2008 edition);
- The "Category" has been changed (see Chapter 4, Chapter 4 of the.2008 edition);
- The "Extrusion and shear points in easily accessible areas" have been changed (see 5.2.1,.2008 version 5.2.1);
- The section on "Transmission and Rotating Components" has been modified (see 5.2.2,.2008 version 5.2.2);
- The "seat" and its testing method have been changed (see 5.2.4, 6.2, and 5.2.4 and 6.3 in the.2008 version);
- The "inherent load" and its test methods have been changed (see 5.3, 6.4, and 5.3, 6.5 in the.2008 edition);
- The "handle lever" has been changed (see 5.4,.2008 version 5.4);
- Added technical requirements and test methods for "load on cables, belts, chains and their connecting components" (see 5.5, 6.1.6);
- The "foot covers" have been changed (see 5.6, 5.5 in the.2008 edition);
- The "pedal board" has been changed (see 5.7, 5.5 in the.2008 edition);
- The criteria for "durability" and its test methods have been revised (see 5.8, 6.7, and 5.6 and 6.7 in the.2008 edition);
- The "stability" metric and its testing methods have been revised (see sections 5.9 and 6.8, and sections 5.7 and 6.8 in the.2008 edition);
- The "Additional Requirements for Level A" and its test methods have been revised (see 5.10, 6.9; 5.8, 6.9 in the.2008 edition);
- The "Additional User Notes" have been revised (see Chapter 7 of the.2008 edition, 5.11);
- The "General Rules" have been amended (see 6.1,.2008 edition of 6.1);
- The section "Tests on easily accessible areas involving compression, shearing, reciprocating motion points, and transmission and rotating components" has been removed (see section 6.2 of the.2008 edition).
- The test method for "surface temperature" has been changed (see 6.3, 6.4 in the.2008 edition);
- A "Test Report" requirement has been added (see Chapter 7).

This document modifies and adopts ISO 20957-7:2024 "Stationary fitness equipment - Part 7. Rowing machines - Additional special safety requirements and..."

Test methods.

The technical differences between this document and ISO 20957-7:2024, and the reasons therefor, are as follows.

---ISO 20957-1:2013 has been replaced with the normatively referenced GB/T 17498.1-2026 to adapt to my country's technical conditions.

The following editorial changes have been made to this document.

---To harmonize with existing standards, the standard name has been changed to "Indoor stationary fitness equipment - Part 7. Additional features for rowing machines".

Special safety requirements and test methods.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China National Light Industry Council.

This document is under the jurisdiction of the National Technical Committee on Standardization of Stationery and Sports Equipment (SAC/TC514).

Introduction

GB/T 17498 "Indoor Fixed Fitness Equipment" is divided into 9 parts. Part 1 covers general requirements, while the other parts cover specific requirements for particular equipment.

Special requirements. For fitness equipment covered by special requirements, the safety requirements are a combination of general requirements and these special requirements. GB/T 17498 is proposed.

It consists of 9 parts.

---Part 1. General Safety Requirements and Test Methods. This section describes the general safety requirements and test methods for indoor stationary fitness equipment.

Verification method.

---Part 2. Additional Special Safety Requirements and Test Methods for Strength Training Equipment. The purpose is to describe strength training equipment.

Additional special safety requirements and testing methods for materials.

---Part 4. Additional Special Safety Requirements and Test Methods for Strength Training Benches. The purpose is to describe the specific safety requirements and test methods for strength training benches.

Additional special safety requirements and testing methods for the stool.

---Part 5. Additional special safety requirements and test methods for stationary exercise bikes and upper limb crank exercise equipment. The purpose is to...

This describes the special safety requirements and test methods for stationary exercise bikes and upper limb crank exercise equipment.

---Part 6. Additional Special Safety Requirements and Test Methods for Treadmills. The purpose is to describe the additional special safety requirements for treadmills.

Requirements and test methods.

---Part 7. Additional Special Safety Requirements and Test Methods for Rowing Machines. The purpose is to describe the additional special safety requirements for rowing machines.

Requirements and test methods.

---Part 8. Additional Special Safety Requirements and Test Methods for Steppers, Stair Climbers, and Mountain Climbers. The purpose is to describe the special safety requirements and test methods for steppers, stair climbers, and mountain climbers.

Additional special safety requirements and testing methods for ladder machines, stair climbers, and mountaineering machines.

---Part 9. Additional Special Safety Requirements and Test Methods for Elliptical Trainers. The purpose is to describe the additional safety requirements and test methods for elliptical trainers.

Special safety requirements and testing methods.

---Part 10. Additional Special Safety Requirements and Test Methods for Exercise Bikes with Fixed Wheels or Without Freewheels. The purpose is to describe...

Additional safety requirements and testing methods for exercise bikes with fixed wheels or without flywheels.

This document is Part 7 of GB/T 17498 and is used in conjunction with GB/T 17498.1.

Indoor stationary fitness equipment

Part 7. Rowing Machine

Additional special safety requirements and test methods

1 Scope

This document specifies additional safety requirements for rowing machines beyond the general safety requirements of GB/T 17498.1. This document is consistent with...

Use in conjunction with GB/T 17498.1.