

ICS 97.220.10

CCS Y 55



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

GB/T 19851.12-2025

Replacing GB/T 19851.12-2005

**Sport equipment and playground for middle school and primary
school - Part 12: Checkout-equipment for physique-health of
students**

中小学体育器材和场地 第12部分:学生体质健康测试器材

Issued on: August 1, 2025

Implemented on: February 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

Preface	III
Introduction	V
1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 Categories	2
5 Requirement	2
5.1 Basic parameter requirements	2
5.2 Operating environment requirements	3
5.3 Functional Requirements	3
5.4 Safety Requirements	3
5.5 Appearance and surface quality requirements	4
5.6 Measurement requirements	4
6 Test Method	4
6.1 Test conditions	4
6.2 Functional test	4
6.3 Safety Test	4
6.4 Appearance and surface quality	6
6.5 Metrological test	6
7 Inspection Rules	8
7.1 Inspection categories	8
7.2 Factory Inspection	8
7.3 Type inspection	8
7.4 Defect Classification and Judgment Rules	9
8 Marking, packaging, transportation and storage	9
8.1 Labels and instructions for use	9
8.2 Packaging	9
8.3 Transportation	10
8.4 Storage	10

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is Part 12 of GB/T 19851 "Sports Equipment and Venues for Primary and Secondary Schools". GB/T 19851 has published the following parts.

- Part 1: General requirements and test methods for sports equipment;
- Part 2: Gymnastics equipment;
- Part 3: Basketball stand;
- Part 4: Basketball;
- Part 5: Volleyball;
- Part 6: Soft volleyball;
- Part 7: Ping-pong tables;
- Part 8: Table tennis;
- Part 9: Badminton rackets;
- Part 10: Tennis rackets;
- Part 12: Students' physical fitness testing equipment;
- Part 13: Volleyball net posts, badminton net posts, tennis net posts;
- Part 14: Net;
- Part 15: Football goals;
- Part 16: Hurdles;
- Part 17: High jump stand;
- Part 18: Solid sphere;
- Part 19: Softball;
- Part 20: Rope skipping;
- Part 21: Shuttlecock, pattern shuttlecock;
- Part 22: Soft rugby.

This document replaces GB/T 19851.12-2005 "Sports equipment and venues for primary and secondary schools - Part 12: Student physical fitness tester" Compared with GB/T 19851.12-2005, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) The definition of the term "student physical fitness testing equipment" has been changed (see 3.1 of the 2005 edition);
- b) Added the term "durability" (see 3.2);
- c) The classification has been changed (see Chapter 4, 4.1 of the 2005 edition);
- d) Deleted the equipment components (see 4.2 of the 2005 edition);
- e) The basic parameter requirements have been changed (see 5.1, 4.3 of the 2005 edition);
- f) Changed the operating environment requirements (see 5.2, 5.1.1 of the 2005 edition);
- g) Added material requirements (see 5.4.2);
- h) Added structural requirements (see 5.4.3);
- i) The functional requirements and corresponding test methods have been changed (see 5.3, 6.2, and 5.1, 6.2 of the 2005 edition);
- j) The accuracy requirement has been deleted (see 5.3 of the 2005 edition);
- k) Added electromagnetic compatibility requirements (see 5.4.7);
- l) Added measurement requirements (see 5.6);
- m) The appearance and surface quality requirements and corresponding test methods have been changed (see 5.5, 6.4, 5.4, 6.5 of the 2005 edition);
- n) The data collection management requirements and corresponding test methods have been deleted (see 5.5 and 6.6 of the 2005 edition).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document is proposed and coordinated by the National Technical Committee for Standardization of Sporting Goods (SAC/TC291).

This document was drafted by: General Physical Intelligence Health Technology (Beijing) Co., Ltd., Shenzhen Hengkang Jiaye Technology Co., Ltd., China Sports Sports Products Industry Federation, Shenzhen Taishan Sports Technology Co., Ltd., Jiangsu Jinling Sports Equipment Co., Ltd., Jiangsu Linggang Electronic Technology Development Co., Ltd.

Co., Ltd., Cangzhou Xinlong Teaching Equipment Manufacturing Co., Ltd., Ningbo Yilijia Sports Technology Co., Ltd., Anhui Duguan Sports Technology Co., Ltd., Beijing Fitness Sports Technology Co., Ltd., Owentes (Tianjin) Technology Development Co., Ltd., Tiya Sports Technology (Dalian) Co., Ltd., Beijing Huiyang Times Technology Co., Ltd., Shanghai Bangwen Electronic Technology Co., Ltd., Guangzhou Huaxia Huihai Technology Co., Ltd., Wuhan Haokang Sports Industry Development Co., Ltd., Shuhua Sports Co., Ltd., Hebei Jinyujia Sports Technology Co., Ltd., Hebei Product Quality Supervision and

Inspection Institute, Shandong Taishan Sports Equipment Co., Ltd., Anhui Wisdom Jiecheng Digital Technology Co., Ltd., Qingdao Tyco Micro-viewing Technology Co., Ltd.

Co., Ltd., Shenzhen Bat Cloud Technology Co., Ltd. (Track Future), Shenzhen Feipulai Sports Development Co., Ltd., Henghongda (Fujian) Sports Technology Co., Ltd., Guangzhou Yueming Technology Co., Ltd., Beijing Zhixing Lingdong Technology Co., Ltd., and Megling Deepin (Beijing) Technology Development Co., Ltd.

Company, Jiangsu Zhiqiao Technology Co., Ltd., Shenzhen Good Family Health Technology Co., Ltd., Hangzhou School Cloud Information Technology Co., Ltd., Guangzhou Yuandong Smart Sports Technology Co., Ltd. and China Sports Federation (Beijing) Certification Services Co., Ltd.

The main drafters of this document are: Dong Lanfang, Zhao Yanmin, Song Yang, Bian Zhiyong, Cai Jie, Wu Jinlin, Li Zhigang, Chen Yong, Chen Zhidong, Han Xiaofeng, Yue Xuewei, Zhang Lin, Guan Jie, Dai Yinghua, Lin Xiaoling, Zhu Zhe, Yu Sunbin, Zhang Liangjun, Qin Yunpeng, Wang Wei, Zhang Jie, Wu Jun, Ma Fangxin, Tang Shiwen, Hu Canfeng, Qiu Weihua, Li Zhe, Xia Pengfei, Zhang Wenxiang, Zhang Zhuo, Yu Jie, Zhou Junjie, and Duan Yangyang.

The previous versions of this document and the documents it replaces are as follows.

- First issued in 2005 as GB/T 19851.12-2005;
- This is the first revision.

Introduction

According to the "Healthy China 2030" Outline, improving students' physical health has become an important goal of school sports.

There are clear requirements for testing equipment and physical health status. According to the relevant provisions of the "National Student Physical Health Standards (Revised in 2014)" It stipulates that all full-time primary schools, junior high schools, senior high schools, secondary vocational schools and regular colleges and universities must conduct at least A physical fitness test, and the test results will be reported to the Ministry of Education through the platform; the student test results will be included in the student file as a basis for student evaluation, Schools have generally adopted physical fitness tests to complete the test, which helps physical education teachers obtain real and objective student physical fitness.

How to ensure that the school is equipped with physical health testing equipment Being able to adapt to students' usage characteristics and meet the needs of school physical education and health education has become an important issue that needs to be addressed urgently.