

ICS 17.040.30

CCS J42



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

GB/T 22094-2008

Height measuring instrument with electronic digital display

电子数显测高仪

Issued on: June 25, 2008

Implemented on: January 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Types and basic parameters

Foreword

The standard proposed by China Machinery Industry Federation. The standard measuring instrument by the National Standardization Technical Committee (SAC/TC132) centralized. This standard was drafted. Chengdu Tool Research Institute, Mar Precision Instrument (Suzhou) Co., Ltd. The main drafters of this standard. Li Weiguo, Jiang Zhigang, to Tang Jie, Ho Tung Star, Wang. Electronic digital altimeter

1 Scope

GB/T 22094-2008 is the Chinese national standard on height measuring instrument with electronic digital display, in the field of metrology and measurement. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 25 June 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 January 2009. Classification: ICS 17.040.30, CCS J42. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the electronic digital altimeter terms and definitions, types and basic parameters, working conditions, requirements, test methods, inspection party France, marking and packaging. This standard applies to the number of electrons resolution of 0.1 μ m, 0.2 μ m, 0.5 μ m and 1 μ m, does not exceed the range of 1000mm Height Measuring Instrument (hereinafter referred to as "altimeter").

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to

the agreement are based on research Whether to use the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2423.3-2006 Environmental testing for electric and electronic products Part 2. Test methods - Test Cab. Damp heat test (

IEC 60068-2-78.2001, IDT)

GB/T 2423.22-2002 Environmental testing for electric and electronic products Part 2. Test methods - Test N. Temperature change (

IEC 60068-2-14. 1984, IDT)

GB 4208-2008 housing protection (IP Code) (eqv IEC 529. 1989)

GB/T 17163 dimensional measuring instruments - Basic terminology

GB/T 17626.2-2006 Electromagnetic compatibility - Testing and measurement techniques - Electrostatic discharge immunity test (IEC 61000-4-2.2001, IDT)

GB/T 17626.3-2006 Electromagnetic compatibility - Testing and measurement techniques RFEMS test (

IEC 61000-4- 3.2002, IDT)

3 Terms and Definitions

GB/T 17163 and established in the following terms and definitions apply to this standard.

3.1 The use of sensor technology and electronic technology to measure vertical digital geometric measurement instruments. Is used to measure the distance between parallel planes, Bore and shaft diameter, center distance and the related form and position errors.

3.2 Verticality altimeter probe mounting surface and the base of the front vertical degrees.

4 Types and basic parameters

4.1 altimeter of the type shown in Figure 1. Illustration illustration purposes only and does not indicate a detailed structure.