

ICS 37.020
CCS N31



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

GB/T 1146-2009

Replacing GB/T 1146-1989

Bubble

水准泡

Issued on: September 30, 2009

Implemented on: December 1, 2009

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

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Foreword

This standard replaces GB/T 1146-1989 "bubble level." This standard and GB/T 1146-1989 The main differences are as follows:

- Increased electronic vial term.
- Increased electronic vial classification.
- After the inspection rules according to GB/T 2828.1, GB/T 2829 selected by the control parameters have been modified. The standard proposed by China Machinery Industry Federation. This standard by the National Standardization Technical Committee photon science and optics (SAC/TC103) centralized. This standard is drafted by: a light Suzhou Instrument Co., Ltd., Shanghai Polytechnic University. The main drafters of this Standard. Wangjia Ping, Huang Weijia. This standard replaces the standards previously issued as follows:
 - GB 1146-1974;
 - GB/T 1146-1989. Vial

1 Scope

GB/T 1146-2009 is the Chinese national standard on bubble, in the field of image technology. 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 30 September 2009 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 December 2009. Classification: ICS 37.020, CCS N31. 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 vial terms, product classifications, requirements, test methods, inspection rules, signs and packaging. This standard applies to Anping and measuring small angle round and tubular vial.

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 the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 1958 Geometrical Product Specifications (GPS) shape and position tolerance testing requirements

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan (GB/T 2828.1-2003, ISO 2859-1.1999, IDT)

GB/T 2829 periodic inspection Sampling procedures and tables (suitable for process stability test)

GB/T 11162 of optical components General technical conditions

GB/T 12085.2 and optical instruments - Environmental test methods for low-temperature heat and humidity

GB/T 15464 instrumentation packaging technology

JB/T 9329 Instrumentation transport, transportation, storage and basic environmental conditions and test methods

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 With special electrodes, liquid, coil, optical transmitter and receiver combinations, so as to resistors, capacitors, inductors, optoelectronics and other principles of complete horizontal tilt Rounded corners and level between the quantity of electricity converted bubble or tubular vial. 3.2

3.2.1 circular vial bubble angle value is divided by the center circle moves along any radial 2mm vial inclination.

3.2.2 Tubular vial angle value is the axial movement of the bubble vial inclination at 2mm.

3.3 Reply bubble and stop time in the center of the scope of work required by the edge of the working range.

4.1.1 Type circular vial

- a) Round standard sintered glass housing bubble, which is shown in Figure 1.
- b) round standard cemented metal housing bubble, which is shown in Figure 2.