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Verification regulation of special glassware (English Translation)

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Special glass measuring device verification procedure

1 Scope

This procedure is applicable to the stereotype identification, prototype test, first verification and follow-up of special glass measuring device (referred to as measuring device).

Verification and inspection in use. Special glass measuring devices include seawater dissolved oxygen burettes, micro straws, austenian straws, 8 types of instruments such as colorimetric tubes, centrifuge tubes, graduated test tubes, blood glucose tubes and digestive tubes.

Special gauges made of other materials can also be calibrated with reference to this procedure.

2 Citations

This procedure refers to the following documents JJF1015-2002 General specification for type evaluation and type approval of measuring instruments JJF1016-2002 Guidelines for the preparation of type evaluation guides for measuring instruments GB/T 6582-1997 Glass test method and classification of water resistance at 98 ° C GB/T 15728-1995 Weight test method and classification of glass boiling resistance to hydrochloric acid GB/T 6580-1997 Test method and classification of etch resistance of glass mixture with boiling water GB/T 15726-1995 Glass instrument internal stress test method GB/T 6682-1992 Specifications for laboratory water Use of this procedure should take care to use the current valid version of the above cited documents.

3 Overview

The purpose and structure of the gauge are as follows.

3.1 seawater dissolved oxygen burette A seawater dissolved oxygen burette is a metering device for analyzing dissolved oxygen components in seawater. By glass tube, side A piston-free automatic zero-setting burette consisting of a tube, a buffer, and a liquid nozzle. The structural dimensions are shown in Figure B.1 in Appendix B.

Table B.1.

3.2 Micropipette

Micropipette, also known as hemoglobin pipette and blood cell pipette, is a quantitative gauge for quantitative blood collection.

Made of a capillary glass tube with a backing. The structural dimensions are shown in Figure B.2 and Table B.2 in Appendix B.

3.3 Austrian straw

The Austrian pipette is a single-line blow-out type measuring device, that is, the liquid in the liquid-flow nozzle should be completely drained when in use. On the Aussie straw the part is a straight tubular capillary with an olive-shaped ball in the middle, and the lower part of the ball is a tapered tip, which is mainly used for quantitative mining.

Set blood. The structural dimensions are shown in Figure B.3 and Table B.3 in Appendix B.

3.4 Colorimetric tube the colorimetric tube is mainly a metering gauge for water quality analysis, and is a glass measuring device in the shape of a flat-bottomed slender tube.

A (with mouth), B (no plug), C (with plug) three types. The dividing line is generally two, that is, half and full. Its knot See Figure B.4 in Appendix B.