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NATIONAL METROLOGY TECHNICAL SPECIFICATION OF THE PEOPLE'S REPUBLIC OF CHINA

JJF 1417-2013

Program of Pattern Evaluation of Impression Tonometers

压陷式眼压计型式评价大纲

(English Translation)

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Introduction

This specification based JJG574 "indentation tonometer", YY1036 "indentation tonometer" developed to JJF 1002 "national verification procedures write rules metering", JJF 1016

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"Measuring Instruments type evaluation outline prepared guide Then ", JJF 1015" Measuring Instruments type evaluation and type approval of universal norms "together constitute the support of the norm-setting work as a basic series of documents.

This specification is the National Type Evaluation of an outline for the first time established. If the product or the ability to express technical indicators higher than the present syllabus Requirements, technical documents required in accordance with corporate standards, brochures and other verification.

Indentation tonometer type evaluation outline

1 Scope

This type of evaluation outline is applied indentation tonometer.

2. References

This outline references the following documents.

JJG574-2004 indentation tonometer YY1036-2004 indentation tonometer these documents contain provisions which through reference in this syllabus constitute provisions of this outline. For dated references, all subsequent amendments (not including errata content) or revisions do not apply to this syllabus, however, encourage the present Parties to study the outline agreement to use the latest versions of these documents. For undated reference documents, which the latest versions apply to this outline.

3 Overview

3.1 Purpose and principles Indentation tonometer intraocular pressure is a measure of the body of a special instrument. Its working principle is based on a certain quality of the indenter Corneal indentation depth is measured indirectly measured IOP values, each cell size of the scale is equivalent to 0.05mm Corneal indentation depth. Depending on the quality and value of the indentation depth of the indenter and weights, check conversion table to obtain IOP IOP.

3.2 configuration

Indentation tonometer by the scale ruler, frame pointer, hammer bow, additional weights, fixed weight, pressure needle, feet Composition pipe and hold handles, etc. Part 9 (Fig. 1). Presser foot move up and down in the tube, press the upper portion of the needle tip was like, it A certain arc hammer bow contacts, formed a pointer deflection displacement transmission mechanism.

1- scale ruler; 2- stent; 3- pointer; 4- hammer bow;

5- Additional weights; 6- fixed weight; 7- presser; 8- foot pipe; 9- holding handle

Figure 1 schematic indentation tonometer

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