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

GB/T 38004-2019

Spectacle frames - Measuring system and terminology

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This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 8624.2011 "Ophthalmic optical frames measurement methods and terminology".

This standard has made the following editorial changes.

--- In order to adapt to China's technical standards system, the standard name was changed to "glasses frame measurement system and terminology";

--- Incorporating the International Standard Amendment Amd.1.2015, the terms of the amendment have been passed in the margins of the outer side of the margin

The vertical double line (||) is marked.

This standard is proposed and managed by the China Light Industry Association.

This standard was drafted. Donghua University, National Eyeglass Glass Enamel Product Quality Supervision and Inspection Center, Yingchang Group Co., Ltd., Pinghu City

Metrology and Testing Institute, Shanghai Eyeglass Enamel Product Quality Supervision and Inspection Station.

1 Scope

This standard defines the measurement system and related terms of the spectacle frame.

This standard applies to the front frame symmetrical frame.

2 terms, definitions and symbols

The following terms, definitions, and symbols apply to this document. See Appendix A for complete terms and definitions.

2.1

Box method center boxedcentre

The intersection of the horizontal centerline of the rectangular frame and the vertical centerline of the lens shape.

see picture 1.

2.2

Box method lens horizontal size horizontalboxedlenssize

Lens horizontal size horizontalallenssize

The distance between the two vertical sides of a rectangular frame that is tangent to the shape of the lens.

see picture 1.

Note. If the frame has a significant mirror circle curvature, measure the horizontal size of the lens according to the plane shape of the lens.

2.3

Box method lens vertical size verticalboxedlenssize

Lens vertical size verticalallenssize

The shape of the lens is tangent to the distance between the two horizontal edges of the rectangular frame.

see picture 1.

2.4

Box method center distance boxedcentredistance;distbetweencentres

The distance between the center of the box method of the left and right lenses.

see picture 1.

Note. For the frame with a sharp curvature on the mirror ring, mark the center of the box of the lens with the appropriate base curve on the frame, and then measure the mark on the back surface of the left and right lenses.

The distance between them. See Figure 4.

2.5

Inter-chip distance distancebetweenlenses

The left and right lens shapes are tangent to the horizontal distance between the rectangular sides of the rectangular frame on the nose side.

see picture 1.

GB/T 38004-2019

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National Standards of People's Republic of China

Spectacle frame measurement system and terminology

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