

JIS

JAPANESE INDUSTRIAL STANDARD

Computer -- aided perimeters

JIS T 1206-1992

Translation without guarantee
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Translated

by

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1. Scope

This Japanese Industrial Standard specifies the computer-aided perimeters (briefly "perimeters") the computer-aided instrument to measure the field of vision of examinees by means of the index mark shown on the background.

Remarks: The applicable standards to this Standard are as follows.

JIS T 1001-General Requirements for Safety of Medical Electrical Equipment

JIS T 1002-General Rules for Safety Testing Procedures of Medical Electrical Equipment

JIS T 1005-Style Manual for Instruction Manuals

JIS T 1011-Glossary of Terms Used in Medical Electrical Equipment (General Terms)

JIS Z 8120-Glossary of Optical Terms

2. Definitions

For the purpose of this Standard, the following definitions apply. Other terms and definitions are given in the clause "Definitions" of JIS T 1011 and JIS Z 8120.

- (1) index mark A stimulus at the measuring point used for examination of field of vision.
- (2) luminance of index mark Difference between the absolute luminance of index mark and the luminance of adjacent background.
- (3) luminance of background Luminance of the background where the index mark is presented.
- (4) specified value Value specified by manufacturers in their specifications of products.
- (5) fixed viewpoint The point which the examinee stares at, being the origin of coordinates of field of vision.

3. Safety

The matters related to safety shall be specified by JIS T 1001, 4. (Classification of equipment) to 13. (Abnormal operations and fault condition). However, protection class against electric shock shall be class I equipment, and protection type against electric shock shall be type B equipment.

4. Performance

When perimeters are tested according to 6.3, their performance shall meet the following requirements.

- (1) Luminance of index mark The luminance of index mark shall be in the range within $\pm 20\%$ of the specified value (unit: cd/m^2).
- (2) Luminance of background The luminance of background shall be in the range within $\pm 20\%$ of the specified value (unit: cd/m^2).