
**Traditional Chinese medicine —
Computerized tongue image analysis
system —**

**Part 4:
Peripheral visual instruments**

*Médecine traditionnelle chinoise — Système d'analyse d'images
numérisées de la langue —*

Partie 4: Instruments visuels périphériques



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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 249, *Traditional Chinese medicine*.

A list of all parts in the ISO 20498 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Traditional Chinese medicine — Computerized tongue image analysis system —

Part 4: Peripheral visual instruments

1 Scope

This document specifies the performance criteria of peripheral visual instruments in the computerized tongue image analysis system (CTIS), including colour reproduction, distortion and resolution.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/TS 20498-3, *Computerized tongue image analysis system — Part 3: Colour chart*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

peripheral visual instrument

device which includes computer display drive used in CTIS

Note 1 to entry: Display drive includes graphics, display drive software and related colour reproduction software

3.2

colour reproduction

ability to accurately reproduce the colour of the object

3.3

CIELAB colour difference

CIE1976 L*a*b* colour difference

ΔE^*_{ab}

difference between two colour stimuli defined as the Euclidean distance between the points representing them in L*a*b* colour space

[SOURCE: CIE 17.4:1987, 845-03-55]

3.4

display resolution

number of distinct pixels displayed in each dimension