
**Ergonomics of human-system
interaction —**

**Part 312:
Readability of electrophoretic displays**

Ergonomie de l'interaction homme-système —

Partie 312: Lisibilité des écrans électrophorétiques

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Published in Switzerland

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This document was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 4, *Ergonomics of human-system interaction*.

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A list of all parts in the ISO 9241-300 series can be found on the ISO website.

Introduction

Electrophoretic technology has led to the development of reflective e-paper displays (EPD) that have fundamentally different optical characteristics compared to emissive display devices, such as backlit liquid crystal displays (LCD) or organic light emitting diode displays (OLED). EPD are used in reading devices, also known as e-readers. See [Annex A](#) for more information on the standardization of electronic displays.

The ISO 9241-300 series provides requirements from the viewpoint of human beings' visual properties and are organized by subjects.

Electrophoretic EPD were selected for the experiments reported in this document because of their widespread use as electronic reading devices.

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