

ISO 9241-400:2007-02 (E)

Ergonomics of human-system interaction - Part 400: Principles and requirements for physical input devices

Contents		Page
Foreword		iv
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
3.1	Actions	2
3.2	Touch strategies	2
3.3	Press/release strategies	2
3.4	Feedback	2
3.5	Hardware	3
3.6	Input devices	3
3.7	Measures	10
3.8	Postures and movements	12
3.9	Types of task primitives	19
3.10	Usability related definitions	20
4	Guiding principles	21
4.1	General considerations	21
4.2	Design requirements	22
5	Performance criterion	23
6	Properties of input devices relevant for usability	24
6.1	Types of input devices – General considerations	24
6.2	Typology of input devices	25
6.3	Functional properties	26
6.4	Electrical properties	26
6.5	Mechanical properties	27
6.6	Maintainability-related properties	27
6.7	Safety-related properties	27
6.8	Interdependency with software	27
6.9	Interdependency-with-use environment	27
6.10	Documentation	28
Bibliography		33
Index		34