

# ISO 9236-1:2004-02 (E)

## Photography - Sensitometry of screen/film systems for medical radiography - Part 1: Determination of sensitometric curve shape, speed and average gradient

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	General requirements .....	2
4.1	Storage and handling conditions .....	2
4.2	Safelights .....	2
4.3	X-ray equipment .....	3
4.4	Air kerma meter .....	3
4.5	Processing .....	3
4.6	Densitometry .....	4
5	Determination of sensitometric curve shape .....	4
5.1	General .....	4
5.2	Beam qualities .....	5
5.3	Geometry for curve shape determination .....	5
5.4	Exposure .....	8
5.5	Evaluation .....	8
6	Determination of average gradient .....	8
7	Determination of speed .....	10
7.1	Definition .....	10
7.2	Beam qualities .....	10
7.3	Geometry .....	13
7.4	Exposure .....	13
7.5	Evaluation .....	13
8	Speed and average gradient determination without sensitometric curve .....	16
9	Uncertainty .....	16
10	Test report .....	17
Annex A (informative) Rationale .....		18
Bibliography .....		20