

# ISO 17321-1:2012-11 (E)

## Graphic technology and photography - Colour characterisation of digital still cameras (DSCs) - Part 1: Stimuli, metrology and test procedures

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	DSC colour characterization methods .....	2
4.1	General .....	2
4.2	Spectral sensitivity-based characterization -- Method A .....	3
4.3	Target-based characterization -- Method B .....	4
Annex A (informative)	Recommended laboratory set-up for photographing a reflection colour test target .....	8
Annex B (informative)	Digital still camera/sensitivity metamerism index (DSC/SMI) .....	10
Annex C (informative)	Characterization target considerations .....	16
Annex D (informative)	Calculating natural scene element responses from spectral characterization data .....	23
Bibliography .....		26