

DIN ISO 9022-3:2015-08 (E)

Optics and photonics - Environmental test methods - Part 3: Mechanical stress (ISO 9022-3:2015)

Contents		Page
National foreword.....		3
National Annex NA (informative) Bibliography		4
Introduction		5
1	Scope	6
2	Normative references	6
3	General information and test conditions	6
4	Conditioning	7
4.1	Conditioning method 30: Shock.....	7
4.2	Conditioning method 31: Bump.....	7
4.3	Conditioning method 32: Drop and topple.....	8
4.4	Conditioning method 33: Free fall.....	8
4.5	Conditioning method 34: Bounce.....	8
4.6	Conditioning method 35: Steady-state acceleration, centrifugal.....	9
4.7	Conditioning method 36: Sinusoidal vibration.....	9
	4.7.1 General.....	9
	4.7.2 Vibration testing using sweep frequencies.....	9
	4.7.3 Vibration fatigue test using characteristic frequencies.....	10
4.8	Conditioning method 37: Random vibration (wide-band) digitally controlled.....	10
5	Procedure	11
6	Environmental test code	11
7	Specification	11