

ISO 25178-603:2025-02 (E)

Geometrical product specifications (GPS) - Surface texture: Areal - Part 603: Design and characteristics of non-contact (phase shifting interferometry) instruments

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Instrument requirements		3
5 Metrological characteristics		4
6 Design features		4
7 General information		4
Annex A (informative) Principles of PSI instruments for areal surface topography measurement		5
Annex B (informative) Sources of measurement error for PSI instruments		10
Annex C (informative) Relationship to the GPS matrix model		14
Bibliography		15