ISO 25178-606:2015-06 (E)

Geometrical product specification (GPS) - Surface texture: Areal - Part 606: Nominal characteristics of non-conta ct (focus variation) instruments

Contents

Page

Foreword iv

Introduction vi

1 Scope 1

2 Normative references 1

3 Terms and definitions 1
3.1 Terms and definitions related to all areal surface texture measurement methods 2
3.2 Terms and definitions related to x- and y-scanning systems 9
3.3 Terms and definitions related to optical systems 11
3.4 Terms and definitions related to optical properties of the workpiece 13
3.5 Terms and definitions specific to focus variation instruments 13

4 Description of the influence quantities 16
4.1 General 16
4.2 Overview 17
4.3 Influence quantities 17

Annex A (informative) Components of a focus variation microscope 19

Annex B (informative) Relation to the GPS matrix model 25

Bibliography 27