

# DIN EN ISO 13225:2012-08 (E)

## Geometrical product specifications (GPS) - Dimensional measuring equipment; Height gauges - Design and metrological characteristics (ISO 13225:2012)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Design characteristics .....	6
4.1	General design and nomenclature .....	6
4.2	Main dimensions .....	9
4.3	Types of indicating devices .....	10
4.4	Protection for field use .....	14
4.5	Measuring and scribing stylus .....	14
4.6	Instrument base .....	14
4.7	Design characteristics (manufacturer's specification) .....	14
5	Metrological characteristics .....	15
5.1	General .....	15
5.2	Operating conditions .....	15
5.3	Effect of slider locking .....	15
5.4	Definition of metrological characteristics (limited by MPE) .....	15
6	Proving of conformance with specifications .....	16
6.1	General .....	16
6.2	Measurement standards for the calibration of metrological characteristics .....	16
7	Marking .....	16
Annex A (informative)	Error tests .....	18
Annex B (informative)	Data sheet (Example) .....	23
Annex C (informative)	Calibration of metrological characteristics .....	24
Annex D (informative)	Relation to the GPS matrix model .....	25
Bibliography .....		27