

ISO 11039:2012-02 (E)

Surface chemical analysis - Scanning-probe microscopy - Measurement of drift rate

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions and abbreviated terms	1
3.1	Terms and definitions	1
3.2	Abbreviated terms	2
4	Measurement method	2
5	Requirements	3
5.1	Instrument requirements	3
5.2	Environment requirements	3
6	Measurement procedures	3
6.1	Initial check	3
6.2	Basic characterization and the settling time	4
6.3	Further characterization and fresh image areas	5
6.4	Other specimens	7
7	Measurement report	7
Annex A (normative) Image correlation method		8
Annex B (normative) Characteristic-marker method		11
Annex C (normative) Non-periodic grating method		13
Annex D (informative) Guidance to users		16
Annex E (informative) Instrumental parameters to consider to reduce drift rates		17
Annex F (informative) Example of drift results and analysis		18
Bibliography		19