

ISO 19076:2016-08 (E)

Leather - Measurement of leather surface - Using electronic techniques

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Apparatus and materials	1
5.1	Measuring machine	1
5.1.1	Machine design types	1
5.1.2	Type A, B, and C measuring machines	2
5.1.3	Type D measuring machine	2
5.2	Reference calibrated templates for machine verification	3
6	Sampling and conditioning	3
7	General measurement criteria	3
7.1	General requirement	3
7.2	Leather orientation during measurement	4
7.2.1	General	4
7.2.2	Measuring whole leathers	4
7.2.3	Measuring half leathers	4
7.2.4	Measuring leather cut pieces	4
7.3	Measurement operations	4
7.3.1	Roller machines	4
7.3.2	Conveyor machines	4
7.3.3	Flatbed scanner machines and bi-dimensional static measuring devices	5
8	Measurement procedure	5
9	Calculation and expression of results	6
10	Test report	6
Annex A (normative)	Calibrated templates for the verification of electronic measuring machines	7
Annex B (normative)	Procedure for the verification of a measuring machine by calibrated templates	9
Annex C (normative)	Laboratory record of calibrated templates	11
Annex D (informative)	Repeatability and reproducibility	12
Bibliography		14