

ISO 8655-1:2022-04 (E)

Piston-operated volumetric apparatus - Part 1: Terminology, general requirements and user recommendations

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	6
5	Types of piston-operated volumetric apparatus	6
5.1	General	6
5.2	Pipettes	6
5.3	Burettes	7
5.4	Dilutors	7
5.5	Dispensers	7
5.6	Syringes	7
6	General requirements	7
6.1	Frequency of calibrations and tests	7
6.2	Reporting measurement errors	7
6.3	Exchangeable Parts	7
6.4	Metrological confirmation	8
6.5	Routine testing	8
6.6	Maintenance and repair	8
6.7	Suitability to give statements on performance	8
6.8	Determination of pass/fail status	9
7	Product information	9
7.1	User information	9
7.2	Decontamination and sterilisation	9
7.3	Chemical resistance	9
8	Factors affecting choice of piston-operated volumetric apparatus	9
8.1	Interaction with liquids	9
8.2	Use of air displacement pipettes	10
9	Marking	10
Bibliography		11