

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Requirements
4.1	Safety
4.1.1	Electrical
4.1.2	Mechanical
4.2	Stability
4.3	Sound pressure
4.4	Frequency
4.4.1	General
4.4.2	Variable-power machines
4.5	Amplitude
4.6	Mixing time
4.6.1	Timing device
4.6.2	Timing settings
4.7	Coherence time
4.8	Long-term test
5	Sampling
5.1	Mixing machine
5.2	Mixing-capsules
5.2.1	General
5.2.2	Mixing-capsule selection
5.2.2.1	Principle
5.2.2.2	Procedure
5.2.2.3	Selection criteria
5.3	Test components
6	Measurement and test methods
6.1	Test conditions
6.1.1	General
6.1.2	Reference charge mass, m_{ref}
6.1.3	Minimum charge mass, m_{min}
6.1.4	Maximum charge mass, m_{max}
6.1.5	Maximum running duration, t_{max}
6.1.6	Power supply conditions and apparatus
6.1.7	Equipment setup
6.2	Visual inspection
6.3	Sound pressure
6.3.1	Apparatus and setup
6.3.2	Procedure
6.3.3	Variable-power machines
6.4	Frequency tests
6.4.1	Measurement of mixing-capsule oscillation frequency
6.4.1.1	Apparatus
6.4.1.2	Procedure for fixed frequency mixing-machines
6.4.1.3	Procedure for variable-power mixing-machines

6.5	Working length
6.5.1	Principle
6.5.2	Apparatus
6.5.3	Procedure
6.6	Amplitude
6.6.1	Apparatus
6.6.2	Procedure
6.7	Mixing time
6.7.1	Apparatus
6.7.2	Procedure
6.8	Coherence time
6.8.1	Apparatus and materials
6.8.2	Procedure
6.8.2.1	Setting-up
6.8.2.2	Determination of coherence time
6.9	Long-term test
7	Instructions for use
7.1	General
7.2	Identification
7.3	Safety
7.4	User maintenance
7.5	Other maintenance
7.6	Mixing-capsule requirements
7.7	Mixing-capsule amplitude
7.8	Operational limitations
7.8.1	Mixing machine limitations
7.8.2	Mass and frequency
8	Packaging
9	Marking
9.1	On the mixing-machine
9.2	On the packaging

Page count: 13