DIN EN ISO 9997:2020-05 (E)

Dentistry - Cartridge syringes (ISO 9997:2020)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Normative references ... **5**

3 Terms and definitions ... **5**

4 Classification ... **6**

5 Requirements ... **6**
5.1 General ... 6
5.2 Materials ... 6
5.3 Dimensions ... 6
5.4 Special requirements ... 7
5.4.1 Loading and cartridge size ... 7
5.4.2 Viewing of contents ... 8
5.4.3 Plunger rod ... 8
5.4.4 Aspirating syringes ... 8
5.5 Resistance to reprocessing ... 9

6 Measurement and test methods ... **9**
6.1 Visual inspection ... 9
6.2 Dimensions ... 9
6.3 Secure loading ... 9
6.4 Aspirating test for cartridge syringes of Type 2 ... 9
6.4.1 Reagent ... 9
6.4.2 Procedure ... 9
6.4.3 Observation ... 9
6.5 Aspirating test for cartridge syringes of Type 3 ... 9
6.5.1 Reagent ... 9
6.5.2 Procedure ... 9
6.5.3 Observation ... 10
6.6 Plunger rod ... 10
6.6.1 Plunger rod movement ... 10
6.6.2 Plunger rod displacement ... 10
6.7 Resistance to reprocessing ... 10

7 Instructions for use ... **10**

8 Marking ... **11**
8.1 Labelling on the unit pack ... 11
8.2 Marking of syringe ... 11

Annex A (informative) **Imperial thread sizes** ... **12**

Bibliography ... **13**