DIN EN ISO 23402-1:2026-12 (E)

Dentistry - Portable dental equipment for use in non-permanent healthcare environments - Part 1: General requirements (ISO 23402-1:2026)

Contents

Page

Foreword ... **iv**

Introduction ... **v**

1 Scope ... **1**

2 Normative references ... **1**

3 Terms and definitions ... **2**

4 Classification ... **2**
4.1 General ... 2
4.2 For electrically operated devices ... 2
4.3 According to intended use environment ... 2
4.4 According to supply sources ... 3
4.5 According to exposure during transport ... 3

5 Requirements ... **3**
5.1 General ... 3
5.2 Transport requirements ... 3
5.2.1 General ... 3
5.2.2 Grips or other handling features ... 4
5.2.3 Maximum mass ... 4
5.2.4 Maximum dimensions ... 4
5.2.5 Environmental exposure ... 4
5.2.6 Impact ... 4
5.2.7 Drop ... 4
5.2.8 Vibration ... 5
5.2.9 Foreign object and liquid ingress during transport ... 5
5.3 Utility requirements ... 5
5.4 Operational requirements ... 5
5.4.1 Ambient operating conditions ... 5
5.4.2 Usability ... 5
5.4.3 Processing of external surfaces ... 6
5.4.4 Foreign object and liquid ingress ... 6

6 Sampling ... **6**

7 Measurement and test methods ... **6**
7.1 Visual inspection of the equipment ... 6
7.2 Visual inspection of the documentation ... 6

8 Manufacturer's instructions ... **7**
8.1 General ... 7
8.2 Instructions for use ... 7
8.3 Technical description ... 7

9 Marking ... **8**
9.1 Marking on the equipment ... 8
9.2 Marking of packaging ... 8

10 Packaging ... **8**

Annex A (informative) **Applicable testing methodology from IEC 60601-1** ... **9**

Bibliography ... **10**