## ISO 23402-1:2020 (E)

# Dentistry — Portable dental equipment for use in non#permanent healthcare environment — Part 1: General requirements

## Contents

Foreword

#### Introduction

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Classification
  - 4.1 General
  - 4.2 For electrically operated devices
  - 4.3 According to intended use environment
  - 4.4 According to supply sources
  - 4.5 According to transport conditions

#### 5 Requirements

- 5.1 General
- 5.2 Transport requirements
- 5.2.1 General
- 5.2.2 Grips or other handling devices
- 5.2.3 Maximum mass
- 5.2.4 Maximum dimensions
- 5.2.5 Environmental exposure
- 5.2.6 Impact
- 5.2.7 Drop
- 5.2.8 Vibration
- 5.2.9 Particulate and liquid ingress during transport
- 5.2.10 Flammability
- 5.3 Assembly and disassembly requirements
- 5.4 Utility requirements
- 5.5 Operational requirements
- 5.5.1 Ambient operating conditions
- 5.5.2 Usability
- 5.5.3 Applied parts not intended to supply heat to a patient
- 5.5.4 Cleaning and disinfection of external surfaces
- 5.5.5 Noise

#### 6 Sampling

#### 7 Measurement and test methods

- 7.1 Visual inspection of the device
- 7.2 Visual inspection of the documentation

#### Manufacturer's instructions

- 8.1 General
- 8.2 Instructions for use
- 8.3 Technical description

#### 9 Marking

8

- 9.1 Marking on the equipment
- 9.2 Marking of packaging

### 10 Packaging

Annex A (informative) Applicable testing methodology from IEC 60601-1:2005/Amd 1:2012

Page count: 10