ISO 13402:2025-03 (E)

Surgical and dental hand instruments - Determination of resistance against autoclaving, corrosion and thermal exposure

Contents

Page

Foreword ..... **iv**

Introduction ..... **v**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Test methods **1**

4.1 General 1

4.2 Sampling plan 1

4.3 Overview of test methods and applicability 2

5 Test report **2**

Annex A (normative) **Boiling test in deionized water** **4**

Annex B (normative) **Boiling test in 0,9 % NaCl solution** **6**

Annex C (normative) **Copper sulfate test for steels with equal or greater than 16 % chromium** **8**

Annex D (normative) **Copper sulfate test for martensitic steels with less than 16 % chromium** **10**

Annex E (informative) **Test in 0,3 % sodium chloride solution of austenitic steels** **12**

Annex F (informative) **Test with citric acid solution for austenitic steels** **14**

Annex G (informative) **Thermal test** **16**

Annex H (informative) **Autoclave test** **17**

Bibliography **18**