DIN EN ISO 15002:2024-07 (E)

Flow control devices for connection to a medical gas supply system (ISO 15002:2023)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **7**

3 Terms and definitions ... **7**

4 General requirements ... **8**
4.1 Risk management ... 8
4.2 Usability ... 8
4.3 Materials ... 9
4.4 Oxygen compatibility ... 9
4.5 Environmental conditions ... 9

5 Design requirements ... **10**
5.1 General ... 10
5.2 Gas inlets ... 11
5.3 Outlet connectors ... 11
5.4 Mechanical strength ... 11
5.5 Leakage ... 11
5.6 Flow indication ... 12
5.7 Accuracy ... 12
5.8 Stability of indicated flow ... 13
5.9 Continuous increase in flow ... 13
5.10 Security of components ... 13
5.11 Flow controls and flow selectors ... 13

6 Packaging ... **14**

7 Information supplied by the manufacturer ... **14**
7.1 General ... 14
7.2 Marking ... 14
7.3 Instructions for use ... 15

Annex A (informative) **Rationale** ... **16**

Annex B (informative) **Examples of *flow control devices* and gas supply inlets** ... **18**

Annex C (normative) **Test methods** ... **20**

Annex D (informative) **Hazard identification for risk assessment** ... **25**

Bibliography ... **27**