ISO 3567:2026-08 (E)

Vacuum gauges - Calibration by direct comparison with a reference gauge

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Symbols and abbreviated terms 4

5 General principle 4

6 Requirements 5
6.1 Design of calibration chamber 5
6.2 Plumbing of gauges to calibration chamber 6
6.3 Vacuum and gas inlet system 6
6.4 Calibration gas 7
6.5 Thermometers and ambient conditions 7
6.6 Reference gauge 7

7 Calibration 8
7.1 Procedure 8
7.2 Evaluation of measurements 10
7.3 Measurement uncertainty 10

8 Calibrationcertificate 10

Annex A (informative) Example of possible calibration system set-up 12

Annex B (informative) Problems in practice 13

Bibliography 15